

## SECTION II

### Pesticide Analysis of Sediments



PESTICIDE ANALYSIS OF SEDIMENTS (dry weight-ppb-ng/g), TBT ANALYSIS OF SEDIMENTS (dry weight-ppm-bug/g)

STANUM	STATION	IDORG	DATE	LEG	METADATA	SOWEIGHT	SOMOIST	ALDRIN	CCHLOR	TCHLOR	ACDEN
10004.0	ARCATA BAY-MCDANIEL SL.	304	11/30/92	8.0	QA5_23.TXT	-9.00	-9.00	-8.000	-8.000	-9.000	-8.000
10015.0	ARCATA BAY-MAD RIVER SL.	315	11/30/92	8.0	QA5_23.TXT	-9.00	-9.00	-9.000	-9.000	-9.000	-9.000
10016.0	ARCATA BAY-JOLLY GIANT SL	316	11/30/92	8.0	QA5_23.TXT	-9.00	-9.00	-8.000	-8.000	-9.000	-8.000
10017.0	ARCATA BAY-EUREKA SL.	317	11/29/92	8.0	QA5_23.TXT	-9.00	-9.00	-8.000	-8.000	-9.000	-8.000
10018.0	H. BAY-UNION OIL PLANT	318	11/29/92	8.0	QA5_23.TXT	-9.00	-9.00	-9.000	-9.000	-9.000	-9.000
10019.0	H. BAY-COAL/OIL/GAS PLANT	319	11/29/92	8.0	QA5_23.TXT	-9.00	-9.00	-9.000	-9.000	-9.000	-9.000
10020.0	H. BAY-OLD PAC. LUMBER SITE	320	11/29/92	8.0	QA5_23.TXT	-9.00	-9.00	-8.000	-8.000	-9.000	-8.000
10021.0	H. BAY-CHEVRON TERMINAL	321	11/29/92	8.0	QA5_23.TXT	-9.00	-9.00	-8.000	-8.000	-9.000	-8.000
14001.0	EUREKA WATERFRONT - H STREET	322	11/29/92	8.0	QA5_23.TXT	-9.00	-9.00	-9.000	-9.000	-9.000	-9.000
10023.0	H. BAY EUREKA STORM 23	323	11/29/92	8.0	QA5_23.TXT	-9.00	-9.00	-8.000	-8.000	-9.000	-8.000
10024.0	H. BAY FIELDS LANDING	324	11/29/92	8.0	QA5_23.TXT	-9.00	-9.00	-9.000	-9.000	-9.000	-9.000
10025.0	H. BAY HOOKTON SL.	325	11/29/92	8.0	QA5_23.TXT	-9.00	-9.00	-8.000	-8.000	-9.000	-8.000
10036.0	SOUTHPORT CHANNEL-33B	336	11/30/92	8.0	QA5_23.TXT	-9.00	-9.00	-9.000	-9.000	-9.000	-9.000
10037.0	H. BAY-MOUTH OF ELK RIVER	337	11/30/92	8.0	QA5_23.TXT	-9.00	-9.00	-8.000	-8.000	-9.000	-8.000
14004.0	DAVENPORT MARINE	338	11/30/92	8.0	QA5_23.TXT	-9.00	-9.00	-8.000	-8.000	-9.000	-8.000
10005.0	RUSSIAN RIVER MOUTH SMW 280.0	305	2/25/93	14.0	QA5_23.TXT	-9.00	-9.00	-9.000	-9.000	-9.000	-9.000
10006.0	BODEGA BAY-MASON'S MARINA	306	2/25/93	14.0	QA5_23.TXT	-9.00	-9.00	-8.000	-8.000	-9.000	-8.000
10007.0	BODEGA BAY-SPUD POINT MARINA	307	2/25/93	14.0	QA5_23.TXT	-9.00	-9.00	-9.000	-9.000	-9.000	-9.000
10028.0	BODEGA BAY PORTO BODEGA MARINA	328	2/25/93	14.0	QA5_23.TXT	-9.00	-9.00	-8.000	-8.000	-9.000	-8.000
10029.0	ESTERO AMERICANO-VALLEY FORD	329	2/25/93	14.0	QA5_23.TXT	-9.00	-9.00	-9.000	-9.000	-9.000	-9.000
10030.0	ESTERO DE SAN ANTONIO-VALLEY F	330	2/25/93	14.0	QA5_23.TXT	-9.00	-9.00	-9.000	-9.000	-9.000	-9.000
10031.0	MOUTH OF ESTERO AMERICANO	331	2/26/93	14.0	QA5_23.TXT	-9.00	-9.00	-9.000	-9.000	-9.000	-9.000
10032.0	MOUTH OF ESTERO DE SAN ANTONIO	332	2/26/93	14.0	QA5_23.TXT	-9.00	-9.00	-9.000	-9.000	-9.000	-9.000
10039.0	UNCONTAMINATED SITE-33C	339	2/25/93	14.0	QA5_23.TXT	-9.00	-9.00	-9.000	-9.000	-9.000	-9.000
10040.0	UNCONTAMINATED SITE-33D	340	2/26/93	14.0	QA5_23.TXT	-9.00	-9.00	-9.000	-9.000	-9.000	-9.000
10041.0	SALMON CREEK-34L	341	2/25/93	14.0	QA5_23.TXT	-9.00	-9.00	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	900	6/22/93	20.0	QA5_23.TXT	12.14	28.97	-8.000	-8.000	-9.000	-8.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	901	6/22/93	20.0	QA5_23.TXT	-9.00	-9.00	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	902	6/22/93	20.0	QA5_23.TXT	-9.00	-9.00	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	906	6/22/93	21.0	QA5_23.TXT	-9.00	-9.00	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	907	6/22/93	21.0	QA5_23.TXT	-9.00	-9.00	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	908	6/22/93	21.0	QA5_23.TXT	-9.00	-9.00	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	912	6/22/93	22.0	QA5_23.TXT	-9.00	-9.00	-9.000	-9.000	-9.000	-9.000

PESTICIDE ANALYSIS OF SEDIMENTS (dry weight-ppb-ng/g); TBT ANALYSIS OF SEDIMENTS (dry weight-ppm-ug/g)

STANUM	STATION	IDORG	DATE	LEG	METADATA	SOWEIGHT	SOMOIST	ALDRIN	CHLOR	TCHLOR	ACDEN
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	913	6/22/93	22.0	QA5_23.TXT	-9.00	-9.00	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	914	6/22/93	22.0	QA5_23.TXT	-9.00	-9.00	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	915	6/22/93	23.0	QA5_23.TXT	-9.00	-9.00	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	916	6/22/93	23.0	QA5_23.TXT	-9.00	-9.00	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	917	6/22/93	23.0	QA5_23.TXT	-9.00	-9.00	-9.000	-9.000	-9.000	-9.000
10040.0	UNCONTAMINATED SITE-33D	1321	5/16/94	32.0	chmmeta2.txt	-9.00	-9.00	-9.000	-9.000	-9.000	-9.000
10031.0	MOUTH OF ESTERO AMERICANO	1322	5/16/94	32.0	chmmeta2.txt	-9.00	-9.00	-9.000	-9.000	-9.000	-9.000
10006.0	BODEGA BAY-MASON'S MARINA REP1	1350	6/14/94	33.0	chmmeta2.txt	-9.00	-9.00	-9.000	-9.000	-9.000	-9.000
10006.0	BODEGA BAY-MASON'S MARINA REP2	1351	6/14/94	33.0	chmmeta2.txt	-9.00	-9.00	-9.000	-9.000	-9.000	-9.000
10006.0	BODEGA BAY-MASON'S MARINA REP3	1352	6/14/94	33.0	chmmeta2.txt	-9.00	-9.00	-9.000	-9.000	-9.000	-9.000
10007.0	BODEGA-SPUD POINT MARINA REP1	1353	6/13/94	33.0	chmmeta2.txt	-9.00	-9.00	-9.000	-9.000	-9.000	-9.000
10007.0	BODEGA-SPUD POINT MARINA REP2	1354	6/13/94	33.0	chmmeta2.txt	-9.00	-9.00	-9.000	-9.000	-9.000	-9.000
10007.0	BODEGA-SPUD POINT MARINA REP3	1355	6/13/94	33.0	chmmeta2.txt	-9.00	-9.00	-9.000	-9.000	-9.000	-9.000
10028.0	PORTO BODEGA MARINA REP1	1356	6/14/94	33.0	chmmeta2.txt	-9.00	-9.00	-9.000	-9.000	-9.000	-9.000
10028.0	PORTO BODEGA MARINA REP2	1357	6/14/94	33.0	chmmeta2.txt	-9.00	-9.00	-9.000	-9.000	-9.000	-9.000
10028.0	PORTO BODEGA MARINA REP3	1358	6/14/94	33.0	chmmeta2.txt	-9.00	-9.00	-9.000	-9.000	-9.000	-9.000
10040.0	UNCONTAMINATED SITE-33D REP1	1359	6/13/94	33.0	chmmeta2.txt	-9.00	-9.00	-9.000	-9.000	-9.000	-9.000
10040.0	UNCONTAMINATED SITE-33D REP2	1360	6/13/94	33.0	chmmeta2.txt	-9.00	-9.00	-9.000	-9.000	-9.000	-9.000
10040.0	UNCONTAMINATED SITE-33D REP3	1361	6/13/94	33.0	chmmeta2.txt	-9.00	-9.00	-9.000	-9.000	-9.000	-9.000
14003.0	ARCATA BAY- JOLLY GIANT NORTH	1438	2/14/95	36.5	region1.dbf	10.40	53.40	-9.000	-9.000	-9.000	-9.000
15002.0	H. BAY- WASHINGTON STREET	1440	2/15/95	36.5	region1.dbf	10.41	47.05	-9.000	-9.000	-9.000	-9.000
10019.0	H. BAY- COAL/OIL/GAS PLANT	1442	2/15/95	36.5	region1.dbf	10.33	39.96	-9.000	-9.000	-9.000	-9.000
10020.0	H. BAY- OLD PAC. LUMBER SITE	1444	2/15/95	36.5	region1.dbf	10.52	50.10	-9.000	-9.000	-9.000	-9.000
14004.0	DAVENPORT MARINE	1446	2/15/95	36.5	region1.dbf	10.42	41.22	-9.000	-9.000	-9.000	-9.000
10022.0	HUMBOLDT BAY EUREKA SM.22	1448	2/15/95	36.5	region1.dbf	10.00	45.45	-9.000	-9.000	-9.000	-9.000
14001.0	EUREKA WATERFRONT H STREET	1450	2/15/95	36.5	region1.dbf	10.11	47.73	-9.000	-9.000	-9.000	-9.000
14002.0	EUREKA WATERFRONT J STREET	1452	2/15/95	36.5	region1.dbf	10.01	43.59	-9.000	-9.000	-9.000	-9.000
14004.0	DAVENPORT MARINE	1578	4/17/96	42.0	CHEM3846.TXT	11.49	43.20	-8.000	-8.000	-8.000	-8.000
10023.0	H. BAY EUREKA STORM 23	1579	4/17/96	42.0	CHEM3846.TXT	14.29	31.00	-8.000	-8.000	-8.000	-8.000
10016.0	ARCATA BAY-JOLLY GIANT SL.	1580	4/18/96	42.0	CHEM3846.TXT	9.81	51.50	-8.000	-8.000	0.560	-8.000
10017.0	ARCATA BAY-EUREKA SL.	1581	4/17/96	42.0	CHEM3846.TXT	11.75	42.00	-8.000	-8.000	-8.000	-8.000
10021.0	H. BAY-CHEVRON TERMINAL	1582	4/17/96	42.0	CHEM3846.TXT	13.23	34.80	-8.000	-8.000	-8.000	-8.000
10019.0	H. BAY-COAL/OIL/GAS PLANT	1583	4/17/96	42.0	CHEM3846.TXT	12.38	40.20	-8.000	-8.000	-8.000	-8.000

PESTICIDE ANALYSIS OF SEDIMENTS (dry weight-ppb-ng/g), TBT ANALYSIS OF SEDIMENTS (dry weight-ppm-ug/g)

STANUM	STATION	IDORG	DATE	LEG	METADATA	SOWEIGHT	SOMOIST	ALDRIN	CCHLOR	TCHLOR	ACDEN
10018.0	H. BAY-UNION OIL PLANT	1584	4/17/96	42.0	CHEM3846.TXT	12.14	39.80	-8.000	-8.000	-8.000	-8.000
15001.0	H. BAY- HALBERSON SHORELINE	1585	4/17/96	42.0	CHEM3846.TXT	12.47	39.30	-8.000	-8.000	-8.000	-8.000
14002.0	EUREKA WATERFRONT- J STREET	1586	4/17/96	42.0	CHEM3846.TXT	11.31	44.80	-8.000	-8.000	-8.000	-8.000
14001.0	EUREKA WATERFRONT- I1 STREET	1587	4/17/96	42.0	CHEM3846.TXT	11.07	44.70	-8.000	-8.000	-8.000	-8.000
10006.0	BODEGA BAY MASON'S MARINA	1682	12/6/96	47.0	CHM47_56.TXT	30.68	64.73	-8.000	-8.000	-8.000	-8.000
10007.0	BODEGA-SPUD POINT MARINA	1683	12/5/96	47.0	CHM47_56.TXT	30.17	27.61	-8.000	-8.000	-8.000	-8.000
10028.0	PORTO BODEGA MARINA	1684	12/6/96	47.0	CHM47_56.TXT	30.43	54.42	-8.000	-8.000	-8.000	-8.000
10040.0	UNCONTAMINATED SITE-33D	1685	12/6/96	47.0	CHM47_56.TXT	30.86	24.39	-8.000	-8.000	-8.000	-8.000

PESTICIDE ANALYSIS OF SEDIMENTS (dry weight-ppb-ng/g); TBT ANALYSIS OF SEDIMENTS (dry weight-ppm-ug/g)

STANUM	STATION	IDORG	DATE	LEG	GCEN	CLPYR	DACTH	OPDDD	PPDDD	OPDDE	PPDDE	PPDDMS	PPDDMU
10004.0	ARCATA BAY-MCDANIEL SL.	304	11/30/92	8.0	-9.000	-9.00	-9.000	-8.00	-8.000	-8.00	-8.00	-9.00	-9.00
10015.0	ARCATA BAY-MAD RIVER SL.	315	11/30/92	8.0	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
10016.0	ARCATA BAY-JOLLY GIANT SL.	316	11/30/92	8.0	-9.000	-9.00	-9.000	-8.00	1.700	-8.00	-8.00	-9.00	-9.00
10017.0	ARCATA BAY-EUREKA SL.	317	11/29/92	8.0	-9.000	-9.00	-9.000	-8.00	-8.000	-8.00	-8.00	-9.00	-9.00
10018.0	H. BAY-UNION OIL PLANT	318	11/29/92	8.0	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
10019.0	H. BAY-COAL/OIL/GAS PLANT	319	11/29/92	8.0	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
10020.0	H. BAY-OLD PAC. LUMBER SITE	320	11/29/92	8.0	-9.000	-9.00	-9.000	-8.00	-8.000	-8.00	-8.00	-9.00	-9.00
10021.0	H. BAY-CHEVRON TERMINAL	321	11/29/92	8.0	-9.000	-9.00	-9.000	-8.00	-8.000	-8.00	-8.00	-9.00	-9.00
14001.0	EUREKA WATERFRONT - H STREET	322	11/29/92	8.0	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
10023.0	H. BAY EUREKA STORM 23	323	11/29/92	8.0	-9.000	-9.00	-9.000	-8.00	-8.000	-8.00	-8.00	-9.00	-9.00
10024.0	H. BAY FIELDS LANDING	324	11/29/92	8.0	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
10025.0	H. BAY HOOKTON SL.	325	11/29/92	8.0	-9.000	-9.00	-9.000	-8.00	-8.000	-8.00	-8.00	-9.00	-9.00
10036.0	SOUTHPORT CHANNEL-33B	336	11/30/92	8.0	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
10037.0	H. BAY-MOUTH OF ELK RIVER	337	11/30/92	8.0	-9.000	-9.00	-9.000	-8.00	2.300	-8.00	-8.00	-9.00	-9.00
14004.0	DAVENPORT MARINE	338	11/30/92	8.0	-9.000	-9.00	-9.000	-8.00	0.800	-8.00	-8.00	-9.00	-9.00
10005.0	RUSSIAN RIVER MOUTH SMW 280.0	305	2/25/93	14.0	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
10006.0	BODEGA BAY-MASON'S MARINA	306	2/25/93	14.0	-9.000	-9.00	-9.000	-8.00	-8.000	-8.00	-8.00	-9.00	-9.00
10007.0	BODEGA BAY-SPUD POINT MARINA	307	2/25/93	14.0	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
10028.0	BODEGA BAY PORTO BODEGA MARINA	328	2/25/93	14.0	-9.000	-9.00	-9.000	-8.00	0.400	-8.00	1.80	-9.00	-9.00
10029.0	ESTERO AMERICANO-VALLEY FORD	329	2/25/93	14.0	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
10030.0	ESTERO DE SAN ANTONIO-VALLEY F	330	2/25/93	14.0	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
10031.0	MOUTH OF ESTERO AMERICANO	331	2/26/93	14.0	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
10032.0	MOUTH OF ESTERO DE SAN ANTONIO	332	2/26/93	14.0	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
10039.0	UNCONTAMINATED SITE-33C	339	2/25/93	14.0	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
10040.0	UNCONTAMINATED SITE-33D	340	2/26/93	14.0	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
10041.0	SALMON CREEK-34L	341	2/25/93	14.0	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	900	6/22/93	20.0	-9.000	-9.00	-9.000	-8.00	0.500	-8.00	-8.00	-9.00	-9.00
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	901	6/22/93	20.0	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	902	6/22/93	20.0	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	906	6/22/93	21.0	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	907	6/22/93	21.0	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	908	6/22/93	21.0	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	912	6/22/93	22.0	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00

PESTICIDE ANALYSIS OF SEDIMENTS (dry weight-ppb-ng/g), TBT ANALYSIS OF SEDIMENTS (dry weight-ppm-ug/g)

STANUM	STATION	IDORG	DATE	LEG	GCDEN	CLPYR	DACTH	OPDDD	FPDDD	OPDDE	FPDDE	PPDDMS	PPDDMU
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	913	6/22/93	22.0	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	914	6/22/93	22.0	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	915	6/22/93	23.0	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	916	6/22/93	23.0	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	917	6/22/93	23.0	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
10040.0	UNCONTAMINATED SITE-33D	1321	5/16/94	32.0	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
10031.0	MOUTH OF ESTERO AMERICANO	1322	5/16/94	32.0	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
10006.0	BODEGA BAY-MASON'S MARINA REP1	1350	6/14/94	33.0	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
10006.0	BODEGA BAY-MASON'S MARINA REP2	1351	6/14/94	33.0	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
10006.0	BODEGA BAY-MASON'S MARINA REP3	1352	6/14/94	33.0	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
10007.0	BODEGA-SPUD POINT MARINA REP1	1353	6/13/94	33.0	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
10007.0	BODEGA-SPUD POINT MARINA REP2	1354	6/13/94	33.0	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
10007.0	BODEGA-SPUD POINT MARINA REP3	1355	6/13/94	33.0	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
10028.0	PORTO BODEGA MARINA REP1	1356	6/14/94	33.0	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
10028.0	PORTO BODEGA MARINA REP2	1357	6/14/94	33.0	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
10028.0	PORTO BODEGA MARINA REP3	1358	6/14/94	33.0	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
10040.0	UNCONTAMINATED SITE-33D REP1	1359	6/13/94	33.0	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
10040.0	UNCONTAMINATED SITE-33D REP2	1360	6/13/94	33.0	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
10040.0	UNCONTAMINATED SITE-33D REP3	1361	6/13/94	33.0	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
14003.0	ARCATA BAY- JOLLY GIANT NORTH	1438	2/14/95	36.5	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
15002.0	H. BAY- WASHINGTON STREET	1440	2/15/95	36.5	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
10019.0	H. BAY- COAL/OIL/GAS PLANT	1442	2/15/95	36.5	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
10020.0	H. BAY- OLD PAC. LUMBER SITE	1444	2/15/95	36.5	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
14004.0	DAVENPORT MARINE	1446	2/15/95	36.5	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
10022.0	HUMBOLDT BAY EUREKA SM.22	1448	2/15/95	36.5	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
14001.0	EUREKA WATERFRONT H STREET	1450	2/15/95	36.5	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
14002.0	EUREKA WATERFRONT J STREET	1452	2/15/95	36.5	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00	-9.00	-9.00	-9.00
14004.0	DAVENPORT MARINE	1578	4/17/96	42.0	-8.000	-8.00	-8.000	-8.00	-8.000	-8.00	-8.00	-9.00	-8.00
10023.0	H. BAY EUREKA STORM 23	1579	4/17/96	42.0	-8.000	2.65	-8.000	-8.00	-8.000	-8.00	-8.00	-9.00	-8.00
10016.0	ARCATA BAY-JOLLY GIANT SL.	1580	4/18/96	42.0	-8.000	1.03	-8.000	-8.00	-8.000	-8.00	-8.00	-9.00	-8.00
10017.0	ARCATA BAY-EUREKA SL.	1581	4/17/96	42.0	-8.000	-8.00	-8.000	-8.00	-8.000	-8.00	-8.00	-9.00	-8.00
10021.0	H. BAY-CHEVRON TERMINAL	1582	4/17/96	42.0	-8.000	-8.00	-8.000	-8.00	-8.000	-8.00	-8.00	-9.00	-8.00
10019.0	H. BAY-COAL/OIL/GAS PLANT	1583	4/17/96	42.0	-8.000	-8.00	0.270	-8.00	-8.000	-8.00	-8.00	-9.00	-8.00

PESTICIDE ANALYSIS OF SEDIMENTS (dry weight-ppb-ng/g); TBT ANALYSIS OF SEDIMENTS (dry weight-ppm-ug/g)

STANUM	STATION	IDORG	DATE	LEG	GCEN	CLPYR	DACTH	OPDDD	PPDDD	OPDDE	PPDDE	PPDDMS	PPDDMU
10018.0	H. BAY-UNION OIL PLANT	1584	4/17/96	42.0	-8.000	-8.00	-8.000	-8.00	-8.000	-8.00	-8.00	-9.00	-8.00
15001.0	H. BAY- HALBERSON SHORELINE	1585	4/17/96	42.0	-8.000	-8.00	0.210	-8.00	-8.000	-8.00	-8.00	-9.00	-8.00
14002.0	EUREKA WATERFRONT- J STREET	1586	4/17/96	42.0	-8.000	-8.00	0.220	-8.00	-8.000	-8.00	-8.00	-9.00	-8.00
14001.0	EUREKA WATERFRONT- H STREET	1587	4/17/96	42.0	-8.000	-8.00	-8.000	-8.00	-8.000	-8.00	-8.00	-9.00	-8.00
10006.0	BODEGA BAY MASONS MARINA	1682	12/6/96	47.0	-9.000	-8.00	-8.000	-8.00	-8.000	-8.00	0.72	-9.00	-8.00
10007.0	BODEGA-SPUD POINT MARINA	1683	12/5/96	47.0	-9.000	-8.00	-8.000	-8.00	-8.000	-8.00	0.18	-9.00	-8.00
10028.0	PORTO BODEGA MARINA	1684	12/6/96	47.0	-9.000	-8.00	-8.000	-8.00	0.828	-8.00	1.95	-9.00	-8.00
10040.0	UNCONTAMINATED SITE-33D	1685	12/6/96	47.0	-9.000	-8.00	-8.000	-8.00	-8.000	-8.00	-8.00	-9.00	-8.00



PESTICIDE ANALYSIS OF SEDIMENTS (dry weight-ppb-ng/g), TBT ANALYSIS OF SEDIMENTS (dry weight-ppm-ug/g)

STANUM	STATION	IDORG	DATE	LEG	OPDDT	PPDDT	DICLB	DIELDRIN	ENDO I	ENDO II	ESO4	ENDRIN	ETHION	HCHIA
10004.0	ARCATA BAY-MCDANIEL SL.	304	11/30/92	8.0	-8.00	-8.00	-9.00	-8.000	-8.000	-8.00	-8.00	-8.00	-9.00	-9.000
10015.0	ARCATA BAY-MAD RIVER SL.	315	11/30/92	8.0	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
10016.0	ARCATA BAY-JOLLY GIANT SL	316	11/30/92	8.0	-8.00	-8.00	-9.00	-8.000	-8.000	-8.00	-8.00	-8.00	-9.00	-9.000
10017.0	ARCATA BAY-EUREKA SL.	317	11/29/92	8.0	-8.00	-8.00	-9.00	-8.000	-8.000	-8.00	-8.00	-8.00	-9.00	-9.000
10018.0	H. BAY-UNION OIL PLANT	318	11/29/92	8.0	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
10019.0	H. BAY-COAL/OIL/GAS PLANT	319	11/29/92	8.0	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
10020.0	H. BAY-OLD PAC. LUMBER SITE	320	11/29/92	8.0	-8.00	-8.00	-9.00	-8.000	-8.000	-8.00	-8.00	-8.00	-9.00	-9.000
10021.0	H. BAY-CHEVRON TERMINAL	321	11/29/92	8.0	-8.00	-8.00	-9.00	-8.000	-8.000	-8.00	-8.00	-8.00	-9.00	-9.000
14001.0	EUREKA WATERFRONT - H STREET	322	11/29/92	8.0	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
10023.0	H. BAY EUREKA STORM 23	323	11/29/92	8.0	-8.00	-8.00	-9.00	-8.000	-8.000	-8.00	-8.00	-8.00	-9.00	-9.000
10024.0	H. BAY HELDS LANDING	324	11/29/92	8.0	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
10025.0	H. BAY HOOKTON SL.	325	11/29/92	8.0	-8.00	-8.00	-9.00	-8.000	-8.000	-8.00	-8.00	-8.00	-9.00	-9.000
10036.0	SOUTHPORT CHANNEL-33B	336	11/30/92	8.0	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
10037.0	H. BAY-MOUTH OF ELK RIVER	337	11/30/92	8.0	-8.00	-8.00	-9.00	-8.000	-8.000	-8.00	-8.00	-8.00	-9.00	-9.000
14004.0	DAVENPORT MARINE	338	11/30/92	8.0	-8.00	-8.00	-9.00	-8.000	-8.000	-8.00	-8.00	-8.00	-9.00	-9.000
10005.0	RUSSIAN RIVER MOUTH SMW 280.0	305	2/25/93	14.0	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
10006.0	BODEGA BAY-MASON'S MARINA	306	2/25/93	14.0	-8.00	-8.00	-9.00	-8.000	-8.000	-8.00	-8.00	-8.00	-9.00	-9.000
10007.0	BODEGA BAY-SPUD POINT MARINA	307	2/25/93	14.0	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
10028.0	BODEGA BAY PORTO BODEGA MARINA	328	2/25/93	14.0	-8.00	-8.00	-9.00	-8.000	-8.000	-8.00	-8.00	-8.00	-9.00	-9.000
10029.0	ESTERO AMERICANO-VALLEY FORD	329	2/25/93	14.0	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
10030.0	ESTERO DE SAN ANTONIO-VALLEY F	330	2/25/93	14.0	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
10031.0	MOUTH OF ESTERO AMERICANO	331	2/26/93	14.0	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
10032.0	MOUTH OF ESTERO DE SAN ANTONIO	332	2/26/93	14.0	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
10039.0	UNCONTAMINATED SITE-33C	339	2/25/93	14.0	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
10040.0	UNCONTAMINATED SITE-33D	340	2/26/93	14.0	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
10041.0	SALMON CREEK-34L	341	2/25/93	14.0	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	900	6/22/93	20.0	-8.00	-8.00	-9.00	-8.000	-8.000	-8.00	-8.00	-8.00	-9.00	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	901	6/22/93	20.0	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	902	6/22/93	20.0	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	906	6/22/93	21.0	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	907	6/22/93	21.0	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	908	6/22/93	21.0	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	912	6/22/93	22.0	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000

PESTICIDE ANALYSIS OF SEDIMENTS (dry weight-ppb-ng/g); TBT ANALYSIS OF SEDIMENTS (dry weight-ppm-ug/E)

STANUM	STATION	IDORG	DATE	LEG	OPDDT	PPDDT	DICLB	DIELDRIN	ENDO_I	ENDO_II	ESO4	ENDRIN	ETHION	HCHA
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	913	6/22/93	22.0	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	914	6/22/93	22.0	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	915	6/22/93	23.0	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
10037.0	MFGAMUD-HUMBOLDT(ELK)-REP 2	916	6/22/93	23.0	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
10037.0	MFGAMUD-HUMBOLDT(ELK)-REP 3	917	6/22/93	23.0	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
10040.0	UNCONTAMINATED SITE-33D	1321	5/16/94	32.0	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
10031.0	MOUETH OF ESTERO AMERICANO	1322	5/16/94	32.0	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
10006.0	BODEGA BAY-MASON'S MARINA REP1	1350	6/14/94	33.0	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
10006.0	BODEGA BAY-MASON'S MARINA REP2	1351	6/14/94	33.0	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
10006.0	BODEGA BAY-MASON'S MARINA REP3	1352	6/14/94	33.0	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
10007.0	BODEGA-SPUD POINT MARINA REP1	1353	6/13/94	33.0	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
10007.0	BODEGA-SPUD POINT MARINA REP2	1354	6/13/94	33.0	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
10007.0	BODEGA-SPUD POINT MARINA REP3	1355	6/13/94	33.0	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
10028.0	PORTO BODEGA MARINA REP1	1356	6/14/94	33.0	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
10028.0	PORTO BODEGA MARINA REP2	1357	6/14/94	33.0	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
10028.0	PORTO BODEGA MARINA REP3	1358	6/14/94	33.0	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
10040.0	UNCONTAMINATED SITE-33D REP1	1359	6/13/94	33.0	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
10040.0	UNCONTAMINATED SITE-33D REP2	1360	6/13/94	33.0	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
10040.0	UNCONTAMINATED SITE-33D REP3	1361	6/13/94	33.0	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
14003.0	ARCATA BAY- JOLLY GIANT NORTH	1438	2/14/95	36.5	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
15002.0	H. BAY- WASHINGTON STREET	1440	2/15/95	36.5	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
10019.0	H. BAY- COAL/OIL/GAS PLANT	1442	2/15/95	36.5	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
10020.0	H. BAY- OLD PAC. LUMBER SITE	1444	2/15/95	36.5	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
14004.0	DAVENPORT MARINE	1446	2/15/95	36.5	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
10022.0	HUMBOLDT BAY EUREKA SM.22	1448	2/15/95	36.5	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
14001.0	EUREKA WATERFRONT H STREET	1450	2/15/95	36.5	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
14002.0	EUREKA WATERFRONT J STREET	1452	2/15/95	36.5	-9.00	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000
14004.0	DAVENPORT MARINE	1578	4/17/96	42.0	-8.00	-8.00	-8.00	-8.000	-8.000	-8.00	-8.00	-8.00	-8.00	-8.000
10023.0	H. BAY EUREKA STORM 23	1579	4/17/96	42.0	-8.00	-8.00	-8.00	-8.000	-8.000	-8.00	-8.00	-8.00	-8.00	-8.000
10016.0	ARCATA BAY-JOLLY GIANT SL..	1580	4/18/96	42.0	-8.00	-8.00	-8.00	-8.000	-8.000	-8.00	-8.00	-8.00	-8.00	-8.000
10017.0	ARCATA BAY-EUREKA SL..	1581	4/17/96	42.0	-8.00	-8.00	-8.00	-8.000	-8.000	-8.00	-8.00	-8.00	-8.00	-8.000
10021.0	H. BAY-CHEVRON TERMINAL	1582	4/17/96	42.0	-8.00	-8.00	-8.00	-8.000	-8.000	-8.00	-8.00	-8.00	-8.00	-8.000
10019.0	H. BAY-COAL/OIL/GAS PLANT	1583	4/17/96	42.0	-8.00	-8.00	-8.00	-8.000	-8.000	-8.00	-8.00	-8.00	-8.00	-8.000

PESTICIDE ANALYSIS OF SEDIMENTS (dry weight-ppb-ng/g), TBT ANALYSIS OF SEDIMENTS (dry weight-ppm-ug/g)

STANUM	STATION	IDORG	DATE	LEG	OPDDT	PPDDT	DICLB	DIELDIN	ENDO I	ENDO II	PSO4	ENDRIN	ETHION	HCHA
10018.0	I. BAY-UNION OIL PLANT	1584	4/17/96	42.0	-8.00	-8.00	-8.00	-8.000	-8.000	-8.00	-8.00	-8.00	-9.00	-8.000
15001.0	H. BAY- HALBERSON SHORELINE	1585	4/17/96	42.0	-8.00	-8.00	-8.00	-8.000	-8.000	-8.00	-8.00	-8.00	-9.00	-8.000
14002.0	EUREKA WATERFRONT- J STREET	1586	4/17/96	42.0	-8.00	-8.00	-8.00	-8.000	-8.000	-8.00	-8.00	-8.00	-9.00	-8.000
14001.0	EUREKA WATERFRONT- H STREET	1587	4/17/96	42.0	-8.00	-8.00	-8.00	-8.000	-8.000	-8.00	-8.00	-8.00	-9.00	-8.000
10006.0	BODEGA BAY MASON'S MARINA	1682	12/6/96	47.0	-8.00	-8.00	-8.00	1.740	-8.000	0.66	-8.00	-8.00	-8.00	-8.000
10007.0	BODEGA-SPUD POINT MARINA	1683	12/5/96	47.0	-8.00	-8.00	-8.00	-8.000	-8.000	-8.00	-8.00	-8.00	-8.00	-8.000
10028.0	PORTO BODEGA MARINA	1684	12/6/96	47.0	-8.00	0.92	-8.00	4.696	-8.000	1.92	-8.00	-8.00	-8.00	-8.000
10040.0	UNCONTAMINATED SITE-33D	1685	12/6/96	47.0	-8.00	-8.00	-8.00	-8.000	-8.000	-8.00	-8.00	-8.00	-8.00	-8.000

PESTICIDE ANALYSIS OF SEDIMENTS (dry weight-ppb-ng/g); TBT ANALYSIS OF SEDIMENTS (dry weight-ppm-ug/g)

STANUM STATION	IDORG	DATE	LEG	HC1B	HC1G	HC1D	HEPTACHLOR	HE	HCB	METHOXY	MIREX	CNONA
10004.0	ARCATA BAY-MCDANIEL SL.	304	11/30/92	8.0	-9.00	-8.000	-9.000	-8.000	-8.000	-8.000	-8.000	-9.000
10015.0	ARCATA BAY-MAD RIVER SL.	315	11/30/92	8.0	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10016.0	ARCATA BAY-JOLLY GIANT SL.	316	11/30/92	8.0	-9.00	-8.000	-9.000	-8.000	-8.000	-8.000	-8.000	-9.000
10017.0	ARCATA BAY-EUREKA SL.	317	11/29/92	8.0	-9.00	-8.000	-9.000	-8.000	-8.000	-8.000	-8.000	-9.000
10018.0	H. BAY-UNION OIL PLANT	318	11/29/92	8.0	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10019.0	H. BAY-COAL/OIL/GAS PLANT	319	11/29/92	8.0	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10020.0	H. BAY-OLD PAC. LUMBER SITE	320	11/29/92	8.0	-9.00	-8.000	-9.000	-8.000	-8.000	-8.000	-8.000	-9.000
10021.0	H. BAY-CHEVRON TERMINAL	321	11/29/92	8.0	-9.00	-8.000	-9.000	-8.000	-8.000	-8.000	-8.000	-9.000
14001.0	EUREKA WATERFRONT - H STREET	322	11/29/92	8.0	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10023.0	H. BAY EUREKA STORM 23	323	11/29/92	8.0	-9.00	-8.000	-9.000	-8.000	0.800	-8.000	-8.000	-9.000
10024.0	H. BAY FIELDS LANDING	324	11/29/92	8.0	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10025.0	H. BAY HOOKTON SL.	325	11/29/92	8.0	-9.00	-8.000	-9.000	-8.000	-8.000	-8.000	-8.000	-9.000
10036.0	SOUTHPORT CHANNEL-33B	336	11/30/92	8.0	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	H. BAY-MOUTH OF ELK RIVER	337	11/30/92	8.0	-9.00	-8.000	-9.000	-8.000	-8.000	-8.000	-8.000	-9.000
14004.0	DAVENPORT MARINE	338	11/30/92	8.0	-9.00	-8.000	-9.000	-8.000	-8.000	-8.000	-8.000	-9.000
10005.0	RUSSIAN RIVER MOUTH SMW 280.0	305	2/25/93	14.0	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10006.0	BODEGA BAY-MASON'S MARINA	306	2/25/93	14.0	-9.00	-8.000	-9.000	-8.000	-8.000	-8.000	-8.000	-9.000
10007.0	BODEGA BAY-SPUD POINT MARINA	307	2/25/93	14.0	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10028.0	BODEGA BAY PORTO BODEGA MARINA	328	2/25/93	14.0	-9.00	-8.000	-9.000	-8.000	-8.000	-8.000	-8.000	-9.000
10029.0	ESTERO AMERICANO-VALLEY FORD	329	2/25/93	14.0	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10030.0	ESTERO DE SAN ANTONIO-VALLEY F	330	2/25/93	14.0	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10031.0	MOUTH OF ESTERO AMERICANO	331	2/26/93	14.0	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10032.0	MOUTH OF ESTERO DE SAN ANTONIO	332	2/26/93	14.0	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10039.0	UNCONTAMINATED SITE-33C	339	2/25/93	14.0	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10040.0	UNCONTAMINATED SITE-33D	340	2/26/93	14.0	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10041.0	SALMON CREEK-34L	341	2/25/93	14.0	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	900	6/22/93	20.0	-9.00	-8.000	-9.000	-8.000	-8.000	-8.000	-8.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	901	6/22/93	20.0	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	902	6/22/93	20.0	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	906	6/22/93	21.0	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	907	6/22/93	21.0	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	908	6/22/93	21.0	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	912	6/22/93	22.0	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000

PESTICIDE ANALYSIS OF SEDIMENTS (dry weight-ppb-ng/g), TBT ANALYSIS OF SEDIMENTS (dry weight-ppm-ug/g)

STANUM	STATION	IDORG	DATE	LEG	HCHB	HCHG	HCHD	HEPTACHLOR	HE	HCB	METHOXY	MIREX	CNONA
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	913	6/22/93	22.0	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	914	6/22/93	22.0	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	915	6/22/93	23.0	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	916	6/22/93	23.0	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	917	6/22/93	23.0	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00	-9.000	-9.000
10040.0	UNCONTAMINATED SITE-33D	1321	5/16/94	32.0	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00	-9.000	-9.000
10031.0	MOUTH OF ESTERO AMERICANO	1322	5/16/94	32.0	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00	-9.000	-9.000
10006.0	BODEGA BAY-MASON'S MARINA REP1	1350	6/14/94	33.0	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00	-9.000	-9.000
10006.0	BODEGA BAY-MASON'S MARINA REP2	1351	6/14/94	33.0	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00	-9.000	-9.000
10006.0	BODEGA BAY-MASON'S MARINA REP3	1352	6/14/94	33.0	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00	-9.000	-9.000
10007.0	BODEGA-SPUD POINT MARINA REP1	1353	6/13/94	33.0	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00	-9.000	-9.000
10007.0	BODEGA-SPUD POINT MARINA REP2	1354	6/13/94	33.0	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00	-9.000	-9.000
10007.0	BODEGA-SPUD POINT MARINA REP3	1355	6/13/94	33.0	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00	-9.000	-9.000
10028.0	PORTO BODEGA MARINA REP1	1356	6/14/94	33.0	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00	-9.000	-9.000
10028.0	PORTO BODEGA MARINA REP2	1357	6/14/94	33.0	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00	-9.000	-9.000
10028.0	PORTO BODEGA MARINA REP3	1358	6/14/94	33.0	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00	-9.000	-9.000
10040.0	UNCONTAMINATED SITE-33D REP1	1359	6/13/94	33.0	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00	-9.000	-9.000
10040.0	UNCONTAMINATED SITE-33D REP2	1360	6/13/94	33.0	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00	-9.000	-9.000
10040.0	UNCONTAMINATED SITE-33D REP3	1361	6/13/94	33.0	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00	-9.000	-9.000
14003.0	ARCATA BAY- JOLLY GIANT NORTH	1438	2/14/95	36.5	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00	-9.000	-9.000
15002.0	H. BAY- WASHINGTON STREET	1440	2/15/95	36.5	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00	-9.000	-9.000
10019.0	H. BAY- COAL/OIL/GAS PLANT	1442	2/15/95	36.5	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00	-9.000	-9.000
10020.0	H. BAY- OLD PAC. LUMBER SITE	1444	2/15/95	36.5	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00	-9.000	-9.000
14004.0	DAVENPORT MARINE	1446	2/15/95	36.5	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00	-9.000	-9.000
10022.0	HUMBOLDT BAY EUREKA SM.22	1448	2/15/95	36.5	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00	-9.000	-9.000
14001.0	EUREKA WATERFRONT H STREET	1450	2/15/95	36.5	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00	-9.000	-9.000
14002.0	EUREKA WATERFRONT J STREET	1452	2/15/95	36.5	-9.00	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00	-9.000	-9.000
14004.0	DAVENPORT MARINE	1578	4/17/96	42.0	-8.00	-8.000	-8.000	-8.000	-8.000	-8.000	-8.00	-8.000	-8.000
10023.0	H. BAY EUREKA STORM 23	1579	4/17/96	42.0	-8.00	-8.000	-8.000	-8.000	-8.000	-8.000	-8.00	-8.000	-8.000
10016.0	ARCATA BAY-JOLLY GIANT SL.	1580	4/18/96	42.0	-8.00	-8.000	-8.000	-8.000	-8.000	-8.000	-8.00	-8.000	-8.000
10017.0	ARCATA BAY-EUREKA SL.	1581	4/17/96	42.0	-8.00	-8.000	-8.000	-8.000	-8.000	-8.000	-8.00	-8.000	-8.000
10021.0	H. BAY-CHEVRON TERMINAL	1582	4/17/96	42.0	-8.00	-8.000	-8.000	-8.000	-8.000	-8.000	-8.00	-8.000	-8.000
10019.0	H. BAY-COAL/OIL/GAS PLANT	1583	4/17/96	42.0	-8.00	-8.000	-8.000	-8.000	-8.000	-8.000	-8.00	-8.000	-8.000

PESTICIDE ANALYSIS OF SEDIMENTS (dry weight-ppb-ng/g); TBT ANALYSIS OF SEDIMENTS (dry weight-ppm-ug/g)

STANUM	STATION	IDORG	DATE	LEG	ICHB	ICIG	ICHD	HEPTACHLOR	IIE	ICB	METHIOXY	MIREX	C/NONA
10018.0	H. BAY-UNION OIL PLANT	1584	4/17/96	42.0	-8.00	0.560	-8.000	-8.000	-8.000	-8.000	7.52	-8.000	-8.000
15001.0	H. BAY- HALBERSON SHORELINE	1585	4/17/96	42.0	-8.00	0.800	-8.000	-8.000	-8.000	-8.000	2.83	-8.000	-8.000
14002.0	EUREKA WATERFRONT- J STREET	1586	4/17/96	42.0	-8.00	0.280	-8.000	-8.000	-8.000	-8.000	5.61	-8.000	-8.000
14001.0	EUREKA WATERFRONT- II STREET	1587	4/17/96	42.0	-8.00	0.600	-8.000	-8.000	0.500	-8.000	6.23	-8.000	-8.000
10006.0	BODEGA BAY MASON'S MARINA	1682	12/6/96	47.0	-8.00	-8.000	-8.000	-8.000	-8.000	0.654	-8.00	-8.000	-8.000
10007.0	BODEGA-SPUD POINT MARINA	1683	12/5/96	47.0	-8.00	-8.000	-8.000	-8.000	-8.000	-8.000	-8.00	-8.000	-8.000
10028.0	PORTO BODEGA MARINA	1684	12/6/96	47.0	-8.00	-8.000	-8.000	-8.000	-8.000	0.383	-8.00	-8.000	-8.000
10040.0	UNCONTAMINATED SITE-33D	1685	12/6/96	47.0	-8.00	-8.000	-8.000	-8.000	-8.000	-8.000	-8.00	-8.000	-8.000

PESTICIDE ANALYSIS OF SEDIMENTS (dry weight-ppb-ng/g); TBT ANALYSIS OF SEDIMENTS (dry weight-ppm-ug/g)

STANUM	STATION	IDORG	DATE	LEG	TNONA	OXAD	OC DAN	TOXAPH	PESBATCH	TBT	TBTBATCH
10004.0	ARCATA BAY-MCDANIEL SL.	304	11/30/92	8.0	-8.000	-9.00	-9.000	-8.00	-9.00	-8.0000	2.1
10015.0	ARCATA BAY-MAD RIVER SL.	315	11/30/92	8.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
10016.0	ARCATA BAY-JOLLY GIANT SL.	316	11/30/92	8.0	-8.000	-9.00	-9.000	-8.00	-9.00	-8.0000	3.2
10017.0	ARCATA BAY-EUREKA SL.	317	11/29/92	8.0	-8.000	-9.00	-9.000	-8.00	-9.00	-8.0000	2.2
10018.0	H. BAY-UNION OIL PLANT	318	11/29/92	8.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
10019.0	H. BAY-COAL/OIL/GAS PLANT	319	11/29/92	8.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
10020.0	H. BAY-OLD PAC. LUMBER SITE	320	11/29/92	8.0	-8.000	-9.00	-9.000	-8.00	-9.00	-8.0000	2.1
10021.0	H. BAY-CHEVRON TERMINAL	321	11/29/92	8.0	-8.000	-9.00	-9.000	-8.00	-9.00	-8.0000	3.2
14001.0	EUREKA WATERFRONT - H STREET	322	11/29/92	8.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
10023.0	H. BAY EUREKA STORM 23	323	11/29/92	8.0	-8.000	-9.00	-9.000	-8.00	-9.00	0.0600	2.1
10024.0	H. BAY FIELDS LANDING	324	11/29/92	8.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
10025.0	H. BAY HOOKTON SL.	325	11/29/92	8.0	-8.000	-9.00	-9.000	-8.00	-9.00	-8.0000	5.1
10036.0	SOUTHPORT CHANNEL-33B	336	11/30/92	8.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
10037.0	H. BAY-MOUTH OF ELK RIVER	337	11/30/92	8.0	-8.000	-9.00	-9.000	-8.00	-9.00	-8.0000	3.2
14004.0	DAVENPORT MARINE	338	11/30/92	8.0	-8.000	-9.00	-9.000	-8.00	-9.00	-8.0000	3.2
10005.0	RUSSIAN RIVER MOUTH SMW 280.0	305	2/25/93	14.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
10006.0	BODEGA BAY-MASON'S MARINA	306	2/25/93	14.0	-8.000	-9.00	-9.000	-8.00	-9.00	0.0200	2.1
10007.0	BODEGA BAY-SPUD POINT MARINA	307	2/25/93	14.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
10028.0	BODEGA BAY PORTO BODEGA MARINA	328	2/25/93	14.0	-8.000	-9.00	-9.000	-8.00	-9.00	0.0800	2.1
10029.0	ESTERO AMERICANO-VALLEY FORD	329	2/25/93	14.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
10030.0	ESTERO DE SAN ANTONIO-VALLEY F	330	2/25/93	14.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
10031.0	MOUTH OF ESTERO AMERICANO	331	2/26/93	14.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
10032.0	MOUTH OF ESTERO DE SAN ANTONIO	332	2/26/93	14.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
10039.0	UNCONTAMINATED SITE-33C	339	2/25/93	14.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
10040.0	UNCONTAMINATED SITE-33D	340	2/26/93	14.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
10041.0	SALMON CREEK-34L	341	2/25/93	14.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	900	6/22/93	20.0	-8.000	-9.00	-9.000	-8.00	73.50	-8.0000	5.4
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	901	6/22/93	20.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	902	6/22/93	20.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	906	6/22/93	21.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	907	6/22/93	21.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	908	6/22/93	21.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	912	6/22/93	22.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0

PESTICIDE ANALYSIS OF SEDIMENTS (dry weight-ppb-ng/g); TBT ANALYSIS OF SEDIMENTS (dry weight-ppm-ug/g)

STANUM	STATION	IDORG	DATE	LEG	TNONA	OXAD	OC DAN	TOXAPH	PESBATCH	TBT	TBTBATCH
10037.0	MBGAMUD-HUMBOLDT(ELK)-REP 2	913	6/22/93	22.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
10037.0	MBGAMUD-HUMBOLDT(ELK)-REP 3	914	6/22/93	22.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
10037.0	MBGAMUD-HUMBOLDT(ELK)-REP 1	915	6/22/93	23.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
10037.0	MBGAMUD-HUMBOLDT(ELK)-REP 2	916	6/22/93	23.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
10037.0	MBGAMUD-HUMBOLDT(ELK)-REP 3	917	6/22/93	23.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
10040.0	UNCONTAMINATED SITE-33D	1321	5/16/94	32.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
10031.0	MOUTH OF ESTERO AMERICANO	1322	5/16/94	32.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
10006.0	BODEGA BAY-MASON'S MARINA REP1	1350	6/14/94	33.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
10006.0	BODEGA BAY-MASON'S MARINA REP2	1351	6/14/94	33.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
10006.0	BODEGA BAY-MASON'S MARINA REP3	1352	6/14/94	33.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
10007.0	BODEGA-SPUD POINT MARINA REP1	1353	6/13/94	33.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
10007.0	BODEGA-SPUD POINT MARINA REP2	1354	6/13/94	33.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
10007.0	BODEGA-SPUD POINT MARINA REP3	1355	6/13/94	33.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
10028.0	PORTO BODEGA MARINA REP1	1356	6/14/94	33.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
10028.0	PORTO BODEGA MARINA REP2	1357	6/14/94	33.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
10028.0	PORTO BODEGA MARINA REP3	1358	6/14/94	33.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
10040.0	UNCONTAMINATED SITE-33D REP1	1359	6/13/94	33.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
10040.0	UNCONTAMINATED SITE-33D REP2	1360	6/13/94	33.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
10040.0	UNCONTAMINATED SITE-33D REP3	1361	6/13/94	33.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
14003.0	ARCATA BAY- JOLLY GIANT NORTH	1438	2/14/95	36.5	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
15002.0	H. BAY- WASHINGTON STREET	1440	2/15/95	36.5	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
10019.0	H. BAY- COAL/OIL/GAS PLANT	1442	2/15/95	36.5	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
10020.0	H. BAY- OLD PAC. LUMBER SITE	1444	2/15/95	36.5	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
14004.0	DAVENPORT MARINE	1446	2/15/95	36.5	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
10022.0	HUMBOLDT BAY EUREKA SM.22	1448	2/15/95	36.5	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
14001.0	EUREKA WATERFRONT H STREET	1450	2/15/95	36.5	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
14002.0	EUREKA WATERFRONT J STREET	1452	2/15/95	36.5	-9.000	-9.00	-9.000	-9.00	-9.00	-9.0000	-9.0
14004.0	DAVENPORT MARINE	1578	4/17/96	42.0	-8.000	-8.00	-8.000	-8.00	L-107-96	-9.0000	-9.0
10023.0	H. BAY EUREKA STORM 23	1579	4/17/96	42.0	-8.000	-8.00	-8.000	-8.00	L-107-96	-9.0000	-9.0
10016.0	ARCATA BAY-JOLLY GIANT SL.	1580	4/18/96	42.0	-8.000	-8.00	-8.000	-8.00	L-107-96	-9.0000	-9.0
10017.0	ARCATA BAY-EUREKA SL.	1581	4/17/96	42.0	-8.000	-8.00	-8.000	-8.00	L-107-96	-9.0000	-9.0
10021.0	H. BAY-CHEVRON TERMINAL	1582	4/17/96	42.0	-8.000	-8.00	-8.000	-8.00	L-107-96	-9.0000	-9.0
10019.0	H. BAY-COAL/OIL/GAS PLANT	1583	4/17/96	42.0	-8.000	-8.00	-8.000	-8.00	L-107-96	-9.0000	-9.0



PESTICIDE ANALYSIS OF SEDIMENTS (dry weight-ppb-ng/g); TBT ANALYSIS OF SEDIMENTS (dry weight-ppm-ug/g)

STANUM	STATION	IDORG	DATE	LEG	TNONA	OXAD	OC DAN	TOXAPH	PESBATCH	TBT	TBTBATCH
10018.0	H. BAY-UNION OIL PLANT	1584	4/17/96	42.0	-8.000	-8.00	-8.000	-8.00	L-107-96	-9.0000	-9.0
15001.0	H. BAY- HALBERSON SHORELINE	1585	4/17/96	42.0	-8.000	-8.00	-8.000	-8.00	L-107-96	-9.0000	-9.0
14002.0	EUREKA WATERFRONT- J STREET	1586	4/17/96	42.0	-8.000	-8.00	-8.000	-8.00	L-107-96	-9.0000	-9.0
14001.0	EUREKA WATERFRONT- H STREET	1587	4/17/96	42.0	-8.000	-8.00	-8.000	-8.00	L-107-96	-9.0000	-9.0
10006.0	BODEGA BAY MASON'S MARINA	1682	12/6/96	47.0	-8.000	-8.00	-8.000	-8.00	97-359	0.0340	32.0
10007.0	BODEGA-SPUD POINT MARINA	1683	12/5/96	47.0	-8.000	-8.00	-8.000	-8.00	97-359	-8.0000	32.0
10028.0	PORTO BODEGA MARINA	1684	12/6/96	47.0	-8.000	-8.00	-8.000	-8.00	97-359	0.0220	32.0
10040.0	UNCONTAMINATED SITE-33D	1685	12/6/96	47.0	-8.000	-8.00	-8.000	-8.00	97-359	-8.0000	32.0



## **SECTION III**

### **PCB and Aroclor Analysis of Sediments**



PCB CONGENER AND AROCLOR ANALYSIS OF SEDIMENTS (dry weight-ppb-ng/g)

STANUM STATION	IDORG	DATE	LEG.	PCBS	PCB8	PCB15	PCB18	PCB27	PCB28	PCB29	PCB31	PCB44	PCB49	PCB52
10094.0	ARCAVA BAY-MCDANIEL SL.	11/30/92	8.0	-9.000	-8.000	-9.000	-8.000	-9.000	-8.000	-9.000	-9.000	-8.000	-9.000	-8.000
10015.0	ARCAVA BAY-MAD RIVER SL.	11/30/92	8.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10016.0	ARCAVA BAY-JOLLY GIANT SL.	11/30/92	8.0	-9.000	-8.000	-9.000	1.700	-9.000	1.700	-9.000	-9.000	1.200	-9.000	1.800
10017.0	ARCAVA BAY-EUREKA SL.	11/29/92	8.0	-9.000	-8.000	-9.000	-8.000	-9.000	-8.000	-9.000	-9.000	-8.000	-9.000	-8.000
10018.0	H. BAY-UNION OIL PLANT	11/29/92	8.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10019.0	H. BAY-COAL/OIL/GAS PLANT	11/29/92	8.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10020.0	H. BAY-OLD PAC. LUMBER SITE	11/29/92	8.0	-9.000	-8.000	-9.000	-8.000	-9.000	-8.000	-9.000	-9.000	-8.000	-9.000	-8.000
10021.0	H. BAY-CHEVRON TERMINAL	11/29/92	8.0	-9.000	-8.000	-9.000	-8.000	-9.000	-8.000	-9.000	-9.000	-8.000	-9.000	-8.000
14001.0	EUREKA WATERFRONT - H STREET	11/29/92	8.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10023.0	H. BAY EUREKA STORM 23	11/29/92	8.0	-9.000	-8.000	-9.000	-8.000	-9.000	-8.000	-9.000	-9.000	-8.000	-9.000	-8.000
10024.0	H. BAY FIELDS LANDING	11/29/92	8.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10025.0	H. BAY HOOKTON SL.	11/29/92	8.0	-9.000	-8.000	-9.000	-8.000	-9.000	-8.000	-9.000	-9.000	-8.000	-9.000	-8.000
10036.0	SOUTHPORT CHANNEL-33B	11/30/92	8.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	H. BAY-MOUTH OF ELK RIVER	11/30/92	8.0	-9.000	-8.000	-9.000	-8.000	-9.000	-8.000	-9.000	-9.000	-8.000	-9.000	-8.000
14004.0	DAVENPORT MARINE	11/30/92	8.0	-9.000	-8.000	-9.000	-8.000	-9.000	-8.000	-9.000	-9.000	-8.000	-9.000	0.600
10005.0	RUSSIAN RIVER MOUTH SMW 280.0	2/25/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10006.0	BODEGA BAY-MASON'S MARINA	2/25/93	14.0	-9.000	-8.000	-9.000	-8.000	-9.000	0.900	-9.000	-9.000	1.300	-9.000	2.400
10007.0	BODEGA BAY-SPUD POINT MARINA	2/25/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10028.0	BODEGA BAY PORTO BODEGA MARINA	2/25/93	14.0	-9.000	-8.000	-9.000	-8.000	-9.000	-8.000	-9.000	-9.000	1.200	-9.000	2.100
10029.0	ESTERO AMERICANO-VALLEY FORD	2/25/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10030.0	ESTERO DE SAN ANTONIO-VALLEY F	2/25/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10031.0	MOUTH OF ESTERO AMERICANO	2/26/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10032.0	MOUTH OF ESTERO DE SAN ANTONIO	2/26/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10039.0	UNCONTAMINATED SITE-33C	2/25/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10040.0	UNCONTAMINATED SITE-33D	2/26/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10041.0	SALMON CREEK-34L	2/25/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	6/22/93	20.0	-9.000	-8.000	-9.000	-8.000	-9.000	-8.000	-9.000	-9.000	-8.000	-9.000	-8.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	6/22/93	20.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	6/22/93	20.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	6/22/93	21.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	6/22/93	21.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	6/22/93	21.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	6/22/93	22.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000

PCB CONGENER AND AROCLOR ANALYSIS OF SEDIMENTS (dry weight-ppb-ng/g)

STANUM STATION	IDORG	DATE	LEG	PCB5	PCB8	PCB15	PCB18	PCB27	PCB28	PCB29	PCB31	PCB44	PCB49	PCB52
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	913	6/22/93	22.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	914	6/22/93	22.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	915	6/22/93	23.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	916	6/22/93	23.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	917	6/22/93	23.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10040.0	UNCONTAMINATED SITE-33D	1321	5/16/94	32.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10031.0	MOUTH OF ESTERO AMERICANO	1322	5/16/94	32.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10006.0	BODEGA BAY-MASON'S MARINA REP1	1350	6/14/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10006.0	BODEGA BAY-MASON'S MARINA REP2	1351	6/14/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10006.0	BODEGA BAY-MASON'S MARINA REP3	1352	6/14/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10007.0	BODEGA-SPUD POINT MARINA REP1	1353	6/13/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10007.0	BODEGA-SPUD POINT MARINA REP2	1354	6/13/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10007.0	BODEGA-SPUD POINT MARINA REP3	1355	6/13/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10028.0	PORTO BODEGA MARINA REP1	1356	6/14/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10028.0	PORTO BODEGA MARINA REP2	1357	6/14/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10028.0	PORTO BODEGA MARINA REP3	1358	6/14/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10040.0	UNCONTAMINATED SITE-33D REP1	1359	6/13/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10040.0	UNCONTAMINATED SITE-33D REP2	1360	6/13/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10040.0	UNCONTAMINATED SITE-33D REP3	1361	6/13/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14003.0	ARCATA BAY- JOLLY GIANT NORTH	1438	2/14/95	36.5	-9.000	-8.000	-9.000	-8.000	-9.000	-9.000	-9.000	-8.000	-9.000	-8.000
15002.0	H. BAY- WASHINGTON STREET	1440	2/15/95	36.5	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10019.0	H. BAY- COAL/OIL/GAS PLANT	1442	2/15/95	36.5	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10020.0	H. BAY- OLD PAC. LUMBER SITE	1444	2/15/95	36.5	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14004.0	DAVENPORT MARINE	1446	2/15/95	36.5	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10022.0	HUMBOLDT BAY EUREKA SM.22	1448	2/15/95	36.5	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14001.0	EUREKA WATERFRONT H STREET	1450	2/15/95	36.5	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14002.0	EUREKA WATERFRONT J STREET	1452	2/15/95	36.5	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14004.0	DAVENPORT MARINE	1578	4/17/96	42.0	-9.000	-8.000	-9.000	-8.000	-9.000	-9.000	-9.000	-8.000	-9.000	-8.000
10023.0	H. BAY EUREKA STORM 23	1579	4/17/96	42.0	-9.000	-8.000	-9.000	-8.000	-9.000	-9.000	-9.000	-8.000	-9.000	-8.000
10016.0	ARCATA BAY-JOLLY GIANT SL.	1580	4/18/96	42.0	-9.000	0.710	-9.000	0.720	-9.000	-9.000	-9.000	0.840	-9.000	0.860
10017.0	ARCATA BAY-EUREKA SL.	1581	4/17/96	42.0	-9.000	-8.000	-9.000	-8.000	-9.000	-9.000	-9.000	-8.000	-9.000	-8.000
10021.0	H. BAY-CHEVRON TERMINAL	1582	4/17/96	42.0	-9.000	-8.000	-9.000	-8.000	-9.000	-9.000	-9.000	-8.000	-9.000	-8.000
10019.0	H. BAY-COAL/OIL/GAS PLANT	1583	4/17/96	42.0	-9.000	-8.000	-9.000	-8.000	-9.000	-9.000	-9.000	-8.000	-9.000	-8.000

PCB CONGENER AND AROCLOR ANALYSIS OF SEDIMENTS (dry weight-ppb-ng/g)

STANUM STATION	IDORG	DATE	LEG	PCB5	PCB8	PCB15	PCB18	PCB27	PCB28	PCB29	PCB31	PCB44	PCB49	PCB52
10018.0	H. BAY-UNION OIL PLANT	4/17/96	42.0	-9.000	-8.000	-9.000	-8.000	-9.000	-8.000	-9.000	-9.000	-8.000	-9.000	-8.000
15001.0	H. BAY- HALBERSON SHORELINE	4/17/96	42.0	-9.000	-8.000	-9.000	-8.000	-9.000	-8.000	-9.000	-9.000	-8.000	-9.000	-8.000
14002.0	EUREKA WATERFRONT- J STREET	4/17/96	42.0	-9.000	-8.000	-9.000	-8.000	-9.000	-8.000	-9.000	-9.000	-8.000	-9.000	-8.000
14001.0	EUREKA WATERFRONT- H STREET	4/17/96	42.0	-9.000	-8.000	-9.000	-8.000	-9.000	-8.000	-9.000	-9.000	-8.000	-9.000	0.760
10006.0	BODEGA BAY MASON'S MARINA	12/6/96	47.0	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	0.689	0.373
10007.0	BODEGA-SPUD POINT MARINA	12/5/96	47.0	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000
10028.0	PORTO BODEGA MARINA	12/6/96	47.0	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	0.128	-8.000	-8.000	-8.000
10040.0	UNCONTAMINATED SITE-33D	12/6/96	47.0	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	0.130	-8.000	-8.000	-8.000

PCB CONGENER AND AROCLOR ANALYSIS OF SEDIMENTS (dry weight-ppb-ng/g)

STANUM STATION	IDORG	DATE	LEG	PCB66	PCB70	PCB74	PCB87	PCB95	PCB97	PCB99	PCB101	PCB105	PCB110
10004.0	ARCATA BAY-MCDANIEL SL.	304	11/30/92	8.0	-8.000	-9.000	-9.000	-9.000	-9.000	-9.000	-8.000	-8.000	-9.000
10015.0	ARCATA BAY-MAD RIVER SL.	315	11/30/92	8.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10016.0	ARCATA BAY-JOLLY GIANT SL	316	11/30/92	8.0	1.600	-9.000	-9.000	-9.000	-9.000	-9.000	1.000	-8.000	-9.000
10017.0	ARCATA BAY-EUREKA SL.	317	11/29/92	8.0	-8.000	-9.000	-9.000	-9.000	-9.000	-9.000	-8.000	-8.000	-9.000
10018.0	H. BAY-UNION OIL PLANT	318	11/29/92	8.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10019.0	H. BAY-COAL/OIL/GAS PLANT	319	11/29/92	8.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10020.0	H. BAY-OLD PAC. LUMBER SITE	320	11/29/92	8.0	-8.000	-9.000	-9.000	-9.000	-9.000	-9.000	-8.000	-8.000	-9.000
10021.0	H. BAY-CHEVRON TERMINAL	321	11/29/92	8.0	-8.000	-9.000	-9.000	-9.000	-9.000	-9.000	-8.000	-8.000	-9.000
14001.0	EUREKA WATERFRONT - H STREET	322	11/29/92	8.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10023.0	H. BAY EUREKA STORM 23	323	11/29/92	8.0	-8.000	-9.000	-9.000	-9.000	-9.000	-9.000	0.700	-8.000	-9.000
10024.0	H. BAY FIELDS LANDING	324	11/29/92	8.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10025.0	H. BAY HOOKTON SL.	325	11/29/92	8.0	-8.000	-9.000	-9.000	-9.000	-9.000	-9.000	-8.000	-8.000	-9.000
10036.0	SOUTHPORT CHANNEL-33B	336	11/30/92	8.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	H. BAY-MOUTH OF ELK RIVER	337	11/30/92	8.0	-8.000	-9.000	-9.000	-9.000	-9.000	-9.000	-8.000	-8.000	-9.000
14004.0	DAVENPORT MARINE	338	11/30/92	8.0	-8.000	-9.000	-9.000	-9.000	-9.000	-9.000	-8.000	-8.000	-9.000
10005.0	RUSSIAN RIVER MOUTH SMW 280.0	305	2/25/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10006.0	BODEGA BAY-MASON'S MARINA	306	2/25/93	14.0	1.700	-9.000	-9.000	1.100	-9.000	-9.000	2.500	0.900	-9.000
10007.0	BODEGA BAY-SPUD POINT MARINA	307	2/25/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10028.0	BODEGA BAY PORTO BODEGA MARINA	328	2/25/93	14.0	2.000	-9.000	-9.000	1.000	-9.000	-9.000	2.600	0.900	-9.000
10029.0	ESTERO AMERICANO-VALLEY FORD	329	2/25/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10030.0	ESTERO DE SAN ANTONIO-VALLEY F	330	2/25/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10031.0	MOUTH OF ESTERO AMERICANO	331	2/26/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10032.0	MOUTH OF ESTERO DE SAN ANTONIO	332	2/26/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10039.0	UNCONTAMINATED SITE-33C	339	2/25/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10040.0	UNCONTAMINATED SITE-33D	340	2/26/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10041.0	SALMON CREEK-34L	341	2/25/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	900	6/22/93	20.0	-8.000	-9.000	-9.000	-8.000	-9.000	-9.000	-8.000	-8.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	901	6/22/93	20.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	902	6/22/93	20.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	906	6/22/93	21.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	907	6/22/93	21.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	908	6/22/93	21.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	912	6/22/93	22.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000



PCB CONGENER AND AROCLOR ANALYSIS OF SEDIMENTS (dry weight-ppb-ng/g)

STANUM STATION	IDORG	DATE	LEG	PCB66	PCB70	PCB74	PCB87	PCB95	PCB97	PCB99	PCB101	PCB105	PCB110
10037.0 MEGAMUD-HUMBOLDT(ELK)-REP 2	913	6/22/93	22.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0 MEGAMUD-HUMBOLDT(ELK)-REP 3	914	6/22/93	22.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0 MEGAMUD-HUMBOLDT(BLK)-REP 1	915	6/22/93	23.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0 MEGAMUD-HUMBOLDT(ELK)-REP 2	916	6/22/93	23.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0 MEGAMUD-HUMBOLDT(ELK)-REP 3	917	6/22/93	23.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10040.0 UNCONTAMINATED SITE-33D	1321	5/16/94	32.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10031.0 MOUTH OF ESTERO AMERICANO	1322	5/16/94	32.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10006.0 BODEGA BAY-MASON'S MARINA REP1	1350	6/14/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10006.0 BODEGA BAY-MASON'S MARINA REP2	1351	6/14/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10006.0 BODEGA BAY-MASON'S MARINA REP3	1352	6/14/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10007.0 BODEGA-SPUD POINT MARINA REP1	1353	6/13/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10007.0 BODEGA-SPUD POINT MARINA REP2	1354	6/13/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10007.0 BODEGA-SPUD POINT MARINA REP3	1355	6/13/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10028.0 PORTO BODEGA MARINA REP1	1356	6/14/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10028.0 PORTO BODEGA MARINA REP2	1357	6/14/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10028.0 PORTO BODEGA MARINA REP3	1358	6/14/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10040.0 UNCONTAMINATED SITE-33D REP1	1359	6/13/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10040.0 UNCONTAMINATED SITE-33D REP2	1360	6/13/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10040.0 UNCONTAMINATED SITE-33D REP3	1361	6/13/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14003.0 ARCATA BAY- JOLLY GIANT NORTH	1438	2/14/95	36.5	-8.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-8.000	-8.000	-9.000
15002.0 H. BAY- WASHINGTON STREET	1440	2/15/95	36.5	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10019.0 H. BAY- COAL/OIL/GAS PLANT	1442	2/15/95	36.5	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10020.0 H. BAY- OLD PAC. LUMBER SITE	1444	2/15/95	36.5	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14004.0 DAVENPORT MARINE	1446	2/15/95	36.5	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10022.0 HUMBOLDT BAY EUREKA SM.22	1448	2/15/95	36.5	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14001.0 EUREKA WATERFRONT H STREET	1450	2/15/95	36.5	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14002.0 EUREKA WATERFRONT J STREET	1452	2/15/95	36.5	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14004.0 DAVENPORT MARINE	1578	4/17/96	42.0	-8.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-8.000	-8.000	-9.000
10023.0 H. BAY EUREKA STORM 23	1579	4/17/96	42.0	-8.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-8.000	-8.000	-9.000
10016.0 ARCATA BAY-JOLLY GIANT SL.	1580	4/18/96	42.0	0.700	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	0.740	-8.000	-9.000
10017.0 ARCATA BAY-EUREKA SL.	1581	4/17/96	42.0	0.510	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-8.000	-8.000	-9.000
10021.0 H. BAY-CHEVRON TERMINAL	1582	4/17/96	42.0	-8.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-8.000	-8.000	-9.000
10019.0 H. BAY-COAL/OIL/GAS PLANT	1583	4/17/96	42.0	-8.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-8.000	-8.000	-9.000

PCB CONGENER AND AROCLOR ANALYSIS OF SEDIMENTS (dry weight-ppb-ng/g)

STATION	STATION	IDORG	DATE	LEG	PCB66	PCB70	PCB74	PCB87	PCB95	PCB97	PCB99	PCB101	PCB105	PCB110
10018.0	IL BAY-UNION OIL PLANT	1584	4/17/96	42.0	-8.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-8.000	-8.000	-9.000
15001.0	IL BAY-HALBERSON SHORELINE	1585	4/17/96	42.0	-8.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-8.000	-8.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1586	4/17/96	42.0	-8.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-8.000	-8.000	-9.000
14001.0	EUREKA WATERFRONT- H STREET	1587	4/17/96	42.0	-8.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	1.660	-8.000	-9.000
10006.0	BODEGA BAY MASON'S MARINA	1682	12/6/96	47.0	-8.000	0.395	-8.000	-9.000	-8.000	-8.000	1.260	0.443	-8.000	0.864
10007.0	BODEGA-SPUD POINT MARINA	1683	12/5/96	47.0	-8.000	-8.000	-8.000	-9.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000
10028.0	PORTO BODEGA MARINA	1684	12/6/96	47.0	-8.000	0.229	-8.000	-9.000	1.875	-8.000	1.156	0.768	-8.000	0.951
10040.0	UNCONTAMINATED SITE-33D	1685	12/6/96	47.0	-8.000	-8.000	-8.000	-9.000	-8.000	-8.000	0.108	-8.000	-8.000	-8.000

PCB CONGENER AND AROCLOR ANALYSIS OF SEDIMENTS (dry weight-ppb-ng/g)

STANUM STATION	IDORG	DATE	LEG	PCB118	PCB128	PCB132	PCB137	PCB138	PCB149	PCB151	PCB153	PCB156	PCB157
10004.0	ARCATA BAY-MCDANIEL SL.	11/30/92	8.0	-8.000	-8.000	-9.000	-9.000	-8.000	-9.000	-9.000	-8.000	-9.000	-9.000
10015.0	ARCATA BAY-MAD RIVER SL.	11/30/92	8.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10016.0	ARCATA BAY-JOLLY GIANT SL	11/30/92	8.0	1.100	-8.000	-9.000	-9.000	1.700	-9.000	-9.000	1.300	-9.000	-9.000
10017.0	ARCATA BAY-EUREKA SL.	11/29/92	8.0	-8.000	-8.000	-9.000	-9.000	0.600	-9.000	-9.000	0.600	-9.000	-9.000
10018.0	H. BAY-UNION OIL PLANT	11/29/92	8.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10019.0	H. BAY-COAL/OIL/GAS PLANT	11/29/92	8.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10020.0	H. BAY-OLD PAC. LUMBER SITE	11/29/92	8.0	-8.000	-8.000	-9.000	-9.000	-8.000	-9.000	-9.000	-8.000	-9.000	-9.000
10021.0	H. BAY-CHEVRON TERMINAL	11/29/92	8.0	-8.000	-8.000	-9.000	-9.000	-8.000	-9.000	-9.000	-8.000	-9.000	-9.000
14001.0	EUREKA WATERFRONT - H STREET	11/29/92	8.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10023.0	H. BAY EUREKA STORM 23	11/29/92	8.0	0.500	-8.000	-9.000	-9.000	1.000	-9.000	-9.000	0.700	-9.000	-9.000
10024.0	H. BAY FIELDS LANDING	11/29/92	8.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10025.0	H. BAY HOOKTON SL.	11/30/92	8.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10036.0	SOUTHPORT CHANNEL-33B	11/30/92	8.0	-8.000	-8.000	-9.000	-9.000	0.500	-9.000	-9.000	-8.000	-9.000	-9.000
10037.0	H. BAY-MOUTH OF ELK RIVER	11/30/92	8.0	-8.000	-8.000	-9.000	-9.000	0.900	-9.000	-9.000	-8.000	-9.000	-9.000
14004.0	DAVENPORT MARINE	11/30/92	8.0	-8.000	-8.000	-9.000	-9.000	-9.000	-9.000	-9.000	-8.000	-9.000	-9.000
10005.0	RUSSIAN RIVER MOUTH SMAW 2&0.0	2/25/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10006.0	BODEGA BAY-MASON'S MARINA	2/25/93	14.0	2.400	-8.000	-9.000	-9.000	2.300	-9.000	-9.000	1.500	-9.000	-9.000
10007.0	BODEGA BAY-SPUD POINT MARINA	2/25/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10028.0	BODEGA BAY PORTO BODEGA MARINA	2/25/93	14.0	2.300	-8.000	-9.000	-9.000	2.900	-9.000	-9.000	2.100	-9.000	-9.000
10029.0	ESTERO AMERICANO-VALLEY FORD	2/25/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10030.0	ESTERO DE SAN ANTONIO-VALLEY F	2/25/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10031.0	MOUTH OF ESTERO AMERICANO	2/26/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10032.0	MOUTH OF ESTERO DE SAN ANTONIO	2/26/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10039.0	UNCONTAMINATED SITE-33C	2/25/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10040.0	UNCONTAMINATED SITE-33D	2/26/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10041.0	SALMON CREEK-34L	2/25/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	6/22/93	20.0	-8.000	-8.000	-9.000	-9.000	-8.000	-9.000	-9.000	-8.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	6/22/93	20.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	6/22/93	20.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	6/22/93	21.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	6/22/93	21.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	6/22/93	21.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	6/22/93	22.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000

PCB CONGENER AND AROCLOR ANALYSIS OF SEDIMENTS (dry weight-ppb-ng/g)

STANUM STATION	IDORG	DATE	LEG	PCB118	PCB128	PCB132	PCB137	PCB138	PCB149	PCB151	PCB153	PCB156	PCB157
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	913	6/22/93	22.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	914	6/22/93	22.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	915	6/22/93	23.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	916	6/22/93	23.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	917	6/22/93	23.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10040.0	UNCONTAMINATED SITE-33D	1321	5/16/94	32.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10031.0	MOUTH OF ESTERO AMERICANO	1322	5/16/94	32.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10006.0	BODEGA BAY-MASON'S MARINA REP1	1350	6/14/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10006.0	BODEGA BAY-MASON'S MARINA REP2	1351	6/14/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10006.0	BODEGA BAY-MASON'S MARINA REP3	1352	6/14/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10007.0	BODEGA-SPUD POINT MARINA REP1	1353	6/13/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10007.0	BODEGA-SPUD POINT MARINA REP2	1354	6/13/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10007.0	BODEGA-SPUD POINT MARINA REP3	1355	6/13/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10028.0	PORTO BODEGA MARINA REP1	1356	6/14/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10028.0	PORTO BODEGA MARINA REP2	1357	6/14/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10028.0	PORTO BODEGA MARINA REP3	1358	6/14/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10040.0	UNCONTAMINATED SITE-33D REP1	1359	6/13/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10040.0	UNCONTAMINATED SITE-33D REP2	1360	6/13/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10040.0	UNCONTAMINATED SITE-33D REP3	1361	6/13/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14003.0	ARCATA BAY- JOLLY GIANT NORTH	1438	2/14/95	36.5	-8.000	-8.000	-9.000	0.597	-9.000	-9.000	0.667	-9.000	-9.000
15002.0	H. BAY- WASHINGTON STREET	1440	2/15/95	36.5	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10019.0	H. BAY- COAL/OIL/GAS PLANT	1442	2/15/95	36.5	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10020.0	H. BAY- OLD PAC. LUMBER SITE	1444	2/15/95	36.5	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14004.0	DAVENPORT MARINE	1446	2/15/95	36.5	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10022.0	HUMBOLDT BAY EUREKA SM.22	1448	2/15/95	36.5	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14001.0	EUREKA WATERFRONT H STREET	1450	2/15/95	36.5	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14002.0	EUREKA WATERFRONT J STREET	1452	2/15/95	36.5	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14004.0	DAVENPORT MARINE	1578	4/17/96	42.0	-8.000	-8.000	-9.000	-8.000	-9.000	-9.000	-8.000	-9.000	-9.000
10023.0	H. BAY EUREKA STORM 23	1579	4/17/96	42.0	-8.000	-8.000	-9.000	-8.000	-9.000	-9.000	-8.000	-9.000	-9.000
10016.0	ARCATA BAY-JOLLY GIANT SL.	1580	4/18/96	42.0	0.910	-8.000	-9.000	-8.000	-9.000	-9.000	-8.000	-9.000	-9.000
10017.0	ARCATA BAY-EUREKA SL.	1581	4/17/96	42.0	0.740	-8.000	-9.000	-8.000	-9.000	-9.000	-8.000	-9.000	-9.000
10021.0	H. BAY-CHEVRON TERMINAL	1582	4/17/96	42.0	-8.000	-8.000	-9.000	-8.000	-9.000	-9.000	-8.000	-9.000	-9.000
10019.0	H. BAY-COAL/OIL/GAS PLANT	1583	4/17/96	42.0	-8.000	-8.000	-9.000	-8.000	-9.000	-9.000	-8.000	-9.000	-9.000

PCB CONGENER AND AROCLOR ANALYSIS OF SEDIMENTS (dry weight-ppb-ng/g)

STANUM STATION	IDORG	DATE	LEG	PCB118	PCB128	PCB132	PCB137	PCB138	PCB149	PCB151	PCB153	PCB156	PCB157
10018.0	1584	4/17/96	42.0	-8.000	-8.000	-9.000	-9.000	-8.000	-9.000	-9.000	-8.000	-9.000	-9.000
15001.0	1585	4/17/96	42.0	-8.000	-8.000	-9.000	-9.000	-8.000	-9.000	-9.000	-8.000	-9.000	-9.000
14002.0	1586	4/17/96	42.0	-8.000	-8.000	-9.000	-9.000	-8.000	-9.000	-9.000	-8.000	-9.000	-9.000
14001.0	1587	4/17/96	42.0	1.450	-8.000	-9.000	-9.000	-8.000	-9.000	-9.000	1.340	-9.000	-9.000
10006.0	1682	12/6/96	47.0	0.713	-8.000	-8.000	-8.000	1.400	-8.000	-8.000	-8.000	-8.000	-8.000
10007.0	1683	12/5/96	47.0	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000
10028.0	1684	12/6/96	47.0	1.091	-8.000	-8.000	-8.000	1.493	0.576	-8.000	1.022	-8.000	-8.000
10040.0	1685	12/6/96	47.0	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000

PCB CONGENER AND AROCLOR ANALYSIS OF SEDIMENTS (dry weight-ppb-ng/g)

STANUM STATION	IDORG	DATE	LEG	PCB158	PCB170	PCB174	PCB177	PCB180	PCB183	PCB187	PCB189	PCB194	PCB195
10004.0	ARCATA BAY-MCDANIEL SL.	304	11/30/92	8.0	-9.000	-8.000	-9.000	-9.000	-9.000	-8.000	-9.000	-9.000	-8.000
10015.0	ARCATA BAY-MAD RIVER SL.	315	11/30/92	8.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10016.0	ARCATA BAY-JOLLY GIANT SL.	316	11/30/92	8.0	-9.000	-8.000	-9.000	1.700	-9.000	1.000	-9.000	-9.000	-8.000
10017.0	ARCATA BAY-EUREKA SL.	317	11/29/92	8.0	-9.000	-8.000	-9.000	-8.000	-9.000	-8.000	-9.000	-9.000	-8.000
10018.0	H. BAY-UNION OIL PLANT	318	11/29/92	8.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10019.0	H. BAY-COAL/OIL/GAS PLANT	319	11/29/92	8.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10020.0	H. BAY-OLD PAC. LUMBER SITE	320	11/29/92	8.0	-9.000	-8.000	-9.000	-8.000	-9.000	-8.000	-9.000	-9.000	-8.000
10021.0	H. BAY-CHEVRON TERMINAL	321	11/29/92	8.0	-9.000	-8.000	-9.000	-8.000	-9.000	-8.000	-9.000	-9.000	-8.000
14001.0	EUREKA WATERFRONT - H STREET	322	11/29/92	8.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10023.0	H. BAY EUREKA STORM 23	323	11/29/92	8.0	-9.000	-8.000	-9.000	0.600	-9.000	-8.000	-9.000	-9.000	-8.000
10024.0	H. BAY FIELDS LANDING	324	11/29/92	8.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10025.0	H. BAY HOOKTON SL.	325	11/29/92	8.0	-9.000	-8.000	-9.000	-8.000	-9.000	-8.000	-9.000	-9.000	-8.000
10036.0	SOUTHPORT CHANNEL-33B	336	11/30/92	8.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	H. BAY-MOUTH OF ELK RIVER	337	11/30/92	8.0	-9.000	-8.000	-9.000	-8.000	-9.000	-8.000	-9.000	-9.000	-8.000
14004.0	DAVENPORT MARINE	338	11/30/92	8.0	-9.000	-8.000	-9.000	-8.000	-9.000	-8.000	-9.000	-9.000	-8.000
10005.0	RUSSIAN RIVER MOUTH SMW 280.0	305	2/25/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10006.0	BODEGA BAY-MASON'S MARINA	306	2/25/93	14.0	-9.000	-8.000	-9.000	-8.000	-9.000	-8.000	-9.000	-9.000	-8.000
10007.0	BODEGA BAY-SPUD POINT MARINA	307	2/25/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10028.0	BODEGA BAY PORTO BODEGA MARINA	328	2/25/93	14.0	-9.000	-8.000	-9.000	0.600	-9.000	-8.000	-9.000	-9.000	-8.000
10029.0	ESTERO AMERICANO-VALLEY FORD	329	2/25/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10030.0	ESTERO DE SAN ANTONIO-VALLEY F	330	2/25/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10031.0	MOUTH OF ESTERO AMERICANO	331	2/26/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10032.0	MOUTH OF ESTERO DE SAN ANTONIO	332	2/26/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10039.0	UNCONTAMINATED SITE-33C	339	2/25/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10040.0	UNCONTAMINATED SITE-33D	340	2/26/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10041.0	SALMON CREEK-34I.	341	2/25/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	900	6/22/93	20.0	-9.000	-8.000	-9.000	-8.000	-9.000	-8.000	-9.000	-9.000	-8.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	901	6/22/93	20.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	902	6/22/93	20.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	906	6/22/93	21.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	907	6/22/93	21.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	908	6/22/93	21.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	912	6/22/93	22.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000

PCB CONGENER AND AROCLOR ANALYSIS OF SEDIMENTS (dry weight-ppb-ng/g)

STATION	STATION	IDORG	DATE	LEG	PCB158	PCB170	PCB174	PCB177	PCB180	PCB183	PCB187	PCB189	PCB194	PCB195
10037.0	MEGAMUID-HUMBOLDT(ELK)-REP 2	913	6/22/93	22.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUID-HUMBOLDT(ELK)-REP 3	914	6/22/93	22.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUID-HUMBOLDT(ELK)-REP 1	915	6/22/93	23.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUID-HUMBOLDT(ELK)-REP 2	916	6/22/93	23.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10037.0	MEGAMUID-HUMBOLDT(ELK)-REP 3	917	6/22/93	23.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10040.0	UNCONTAMINATED SITE-33D	1321	5/16/94	32.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10031.0	MOUTH OF ESTERO AMERICANO	1322	5/16/94	32.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10006.0	BODEGA BAY-MASON'S MARINA REP1	1350	6/14/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10006.0	BODEGA BAY-MASON'S MARINA REP2	1351	6/14/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10006.0	BODEGA BAY-MASON'S MARINA REP3	1352	6/14/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10007.0	BODEGA-SPUD POINT MARINA REP1	1353	6/13/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10007.0	BODEGA-SPUD POINT MARINA REP2	1354	6/13/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10007.0	BODEGA-SPUD POINT MARINA REP3	1355	6/13/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10028.0	PORTO BODEGA MARINA REP1	1356	6/14/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10028.0	PORTO BODEGA MARINA REP2	1357	6/14/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10028.0	PORTO BODEGA MARINA REP3	1358	6/14/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10040.0	UNCONTAMINATED SITE-33D REP1	1359	6/13/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10040.0	UNCONTAMINATED SITE-33D REP2	1360	6/13/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10040.0	UNCONTAMINATED SITE-33D REP3	1361	6/13/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14003.0	ARCATA BAY- JOLLY GIANT NORTH	1438	2/14/95	36.5	-9.000	-8.000	-9.000	-9.000	1.320	-9.000	0.674	-9.000	-9.000	-8.000
15002.0	H. BAY- WASHINGTON STREET	1440	2/15/95	36.5	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10019.0	H. BAY- COAL/OIL/GAS PLANT	1442	2/15/95	36.5	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10020.0	H. BAY- OLD PAC. LUMBER SITE	1444	2/15/95	36.5	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14004.0	DAVENPORT MARINE	1446	2/15/95	36.5	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10022.0	HUMBOLDT BAY EUREKA SM.22	1448	2/15/95	36.5	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14001.0	EUREKA WATERFRONT H STREET	1450	2/15/95	36.5	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14002.0	EUREKA WATERFRONT J STREET	1452	2/15/95	36.5	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14004.0	DAVENPORT MARINE	1578	4/17/96	42.0	-9.000	-8.000	-9.000	-9.000	-8.000	-9.000	-8.000	-9.000	-9.000	-8.000
10023.0	H. BAY EUREKA STORM 23	1579	4/17/96	42.0	-9.000	-8.000	-9.000	-9.000	-8.000	-9.000	-8.000	-9.000	-9.000	-8.000
10016.0	ARCATA BAY-JOLLY GIANT SL.	1580	4/18/96	42.0	-9.000	-8.000	-9.000	-9.000	-8.000	-9.000	-8.000	-9.000	-9.000	-8.000
10017.0	ARCATA BAY-EUREKA SL.	1581	4/17/96	42.0	-9.000	-8.000	-9.000	-9.000	0.900	-9.000	-8.000	-9.000	-9.000	-8.000
10021.0	H. BAY-CHEVRON TERMINAL	1582	4/17/96	42.0	-9.000	-8.000	-9.000	-9.000	-8.000	-9.000	-8.000	-9.000	-9.000	-8.000
10019.0	H. BAY-COAL/OIL/GAS PLANT	1583	4/17/96	42.0	-9.000	-8.000	-9.000	-9.000	-8.000	-9.000	-8.000	-9.000	-9.000	-8.000

PCB CONGENER AND AROCLOR ANALYSIS OF SEDIMENTS (dry weight-ppb-ng/g)

STANUM	STATION	IDORG	DATE	LEG	PCB158	PCB170	PCB174	PCB177	PCB180	PCB183	PCB187	PCB189	PCB194	PCB195
10018.0	H. BAY-UNION OIL PLANT	1584	4/17/96	42.0	-9.000	-8.000	-9.000	-9.000	-8.000	-9.000	-8.000	-9.000	-9.000	-8.000
15001.0	H. BAY- HALBERSON SHORELINE	1585	4/17/96	42.0	-9.000	-8.000	-9.000	-9.000	-8.000	-9.000	-8.000	-9.000	-9.000	-8.000
14002.0	EUREKA WATERFRONT- J STREET	1586	4/17/96	42.0	-9.000	-8.000	-9.000	-9.000	-8.000	-9.000	-8.000	-9.000	-9.000	-8.000
14001.0	EUREKA WATERFRONT- H STREET	1587	4/17/96	42.0	-9.000	-8.000	-9.000	-9.000	0.620	-9.000	-8.000	-9.000	-9.000	-8.000
10006.0	BODEGA BAY MASON'S MARINA	1682	12/6/96	47.0	-8.000	-8.000	-8.000	-8.000	0.641	-8.000	-8.000	-8.000	-8.000	-8.000
10007.0	BODEGA-SPUD POINT MARINA	1683	12/5/96	47.0	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000
10028.0	PORTO BODEGA MARINA	1684	12/6/96	47.0	-8.000	-8.000	-8.000	-8.000	1.025	-8.000	-8.000	-8.000	1.405	-8.000
10040.0	UNCONTAMINATED SITE-33D	1685	12/6/96	47.0	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000



PCB CONGENER AND AROCLOR ANALYSIS OF SEDIMENTS (dry weight-ppb-ng/g)

STANUM STATION	IDORG	DATE	LEG	PCB201	PCB203	PCB206	PCB209	ARO1248	ARO1254	ARO1260	ARO5460	PCBBA1C.H
10004.0	ARCATA BAY-MCDANIEL SL.	304	11/30/92	8.0	-9.000	-8.000	-8.000	-9.000	-9.000	-9.000	-9.000	72.70
10015.0	ARCATA BAY-MAD RIVER SL.	315	11/30/92	8.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00
10016.0	ARCATA BAY-JOLLY GIANT SL.	316	11/30/92	8.0	-9.000	0.800	-8.000	-9.000	-9.000	-9.000	-9.000	73.30
10017.0	ARCATA BAY-EUREKA SL.	317	11/29/92	8.0	-9.000	-8.000	-8.000	-9.000	-9.000	-9.000	-9.000	72.60
10018.0	H. BAY-UNION OIL PLANT	318	11/29/92	8.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00
10019.0	H. BAY-COAL/OIL/GAS PLANT	319	11/29/92	8.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00
10020.0	H. BAY-OLD PAC. LUMBER SITE	320	11/29/92	8.0	-9.000	-8.000	-8.000	-9.000	-9.000	-9.000	-9.000	72.60
10021.0	H. BAY-CHEVRON TERMINAL	321	11/29/92	8.0	-9.000	-8.000	-8.000	-9.000	-9.000	-9.000	-9.000	73.30
14001.0	EUREKA WATERFRONT - H STREET	322	11/29/92	8.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00
10023.0	H. BAY EUREKA STORM 23	323	11/29/92	8.0	-9.000	-8.000	-8.000	-9.000	-9.000	-9.000	-9.000	72.80
10024.0	H. BAY FIELDS LANDING	324	11/29/92	8.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00
10025.0	H. BAY HOOKTON SL.	325	11/29/92	8.0	-9.000	-8.000	-8.000	-9.000	-9.000	-9.000	-9.000	73.30
10036.0	SOUTHPORT CHANNEL-33B	336	11/30/92	8.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00
10037.0	H. BAY-MOUTH OF ELK RIVER	337	11/30/92	8.0	-9.000	-8.000	-8.000	-9.000	-9.000	-9.000	-9.000	73.30
14004.0	DAVENPORT MARINE	338	11/30/92	8.0	-9.000	-8.000	-8.000	-9.000	-9.000	-9.000	-9.000	73.30
10005.0	RUSSIAN RIVER MOUTH SMW 280.0	305	2/25/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00
10006.0	BODEGA BAY-MASON'S MARINA	306	2/25/93	14.0	-9.000	-8.000	-8.000	-9.000	-9.000	-9.000	-9.000	72.10
10007.0	BODEGA BAY-SPUD POINT MARINA	307	2/25/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00
10028.0	BODEGA BAY PORTO BODEGA MARINA	328	2/25/93	14.0	-9.000	-8.000	-8.000	-9.000	-9.000	-9.000	-9.000	72.90
10029.0	ESTERO AMERICANO-VALLEY FORD	329	2/25/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00
10030.0	ESTERO DE SAN ANTONIO-VALLEY F	330	2/25/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00
10031.0	MOUTH OF ESTERO AMERICANO	331	2/26/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00
10032.0	MOUTH OF ESTERO DE SAN ANTONIO	332	2/26/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00
10039.0	UNCONTAMINATED SITE-33C	339	2/25/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00
10040.0	UNCONTAMINATED SITE-33D	340	2/26/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00
10041.0	SALMON CREEK-34L	341	2/25/93	14.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	900	6/22/93	20.0	-9.000	-8.000	-8.000	-9.000	-9.000	-9.000	-9.000	73.50
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	901	6/22/93	20.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	902	6/22/93	20.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	906	6/22/93	21.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	907	6/22/93	21.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	908	6/22/93	21.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	912	6/22/93	22.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00

PCB CONGENER AND AROCLOR ANALYSIS OF SEDIMENTS (dry weight-ppb-ng/g)

STANUM STATION	IDORG	DATE	LEG	PCB201	PCB203	PCB206	PCB209	ARO1248	ARO1254	ARO1260	ARO5460	PCBBATC1
10037.0	MEGAMUD-HUMBOLDT(BLK)-REP 2	913	6/22/93	22.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00
10037.0	MEGAMUD-HUMBOLDT(BLK)-REP 3	914	6/22/93	22.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00
10037.0	MEGAMUD-HUMBOLDT(BLK)-REP 1	915	6/22/93	23.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00
10037.0	MEGAMUD-HUMBOLDT(BLK)-REP 2	916	6/22/93	23.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00
10037.0	MEGAMUD-HUMBOLDT(BLK)-REP 3	917	6/22/93	23.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00
10040.0	UNCONTAMINATED SITE-33D	1321	5/16/94	32.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00
10031.0	MOUTH OF ESTERO AMERICANO	1322	5/16/94	32.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00
10006.0	BODEGA BAY-MASON'S MARINA REP1	1350	6/14/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00
10006.0	BODEGA BAY-MASON'S MARINA REP2	1351	6/14/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00
10006.0	BODEGA BAY-MASON'S MARINA REP3	1352	6/14/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00
10007.0	BODEGA-SPUD POINT MARINA REP1	1353	6/13/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00
10007.0	BODEGA-SPUD POINT MARINA REP2	1354	6/13/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00
10007.0	BODEGA-SPUD POINT MARINA REP3	1355	6/13/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00
10028.0	PORTO BODIGA MARINA REP1	1356	6/14/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00
10028.0	PORTO BODIGA MARINA REP2	1357	6/14/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00
10028.0	PORTO BODIGA MARINA REP3	1358	6/14/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00
10040.0	UNCONTAMINATED SITE-33D REP1	1359	6/13/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00
10040.0	UNCONTAMINATED SITE-33D REP2	1360	6/13/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00
10040.0	UNCONTAMINATED SITE-33D REP3	1361	6/13/94	33.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.00
14003.0	ARCATA BAY- JOLLY GIANT NORTH	1438	2/14/95	36.5	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-8.000	73.5
15002.0	II. BAY- WASHINGTON STREET	1440	2/15/95	36.5	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	73.5
10019.0	II. BAY- COAL/OIL/GAS PLANT	1442	2/15/95	36.5	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	73.5
10020.0	II. BAY- OLD PAC. LUMBER SITE	1444	2/15/95	36.5	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	73.5
14004.0	DAVENPORT MARINE	1446	2/15/95	36.5	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	73.5
10022.0	HUMBOLDT BAY EUREKA SM.22	1448	2/15/95	36.5	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	73.5
14001.0	EUREKA WATERFRONT H STREET	1450	2/15/95	36.5	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	73.5
14002.0	EUREKA WATERFRONT J STREET	1452	2/15/95	36.5	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	73.5
14004.0	DAVENPORT MARINE	1578	4/17/96	42.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-8.000	1-107-96
10023.0	II. BAY EUREKA STORM 23	1579	4/17/96	42.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-8.000	1-107-96
10016.0	ARCATA BAY-JOLLY GIANT SL.	1580	4/18/96	42.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-8.000	1-107-96
10017.0	ARCATA BAY-EUREKA SL.	1581	4/17/96	42.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-8.000	1-107-96
10021.0	II. BAY-CHEVRON TERMINAL	1582	4/17/96	42.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-8.000	1-107-96
10019.0	II. BAY-COAL/OIL/GAS PLANT	1583	4/17/96	42.0	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-8.000	1-107-96

PCB CONGENER AND AROCLOR ANALYSIS OF SEDIMENTS (dry weight-ppb-ng/g)

STANUM	STATION	IDORG	DATE	LEG	PCB201	PCB203	PCB206	PCB209	ARO1248	ARO1254	ARO1260	AROS460	PCBBATCH
10018.0	H. BAY-UNION OIL PLANT	1584	4/17/96	42.0	-9.000	-9.000	-8.000	-9.000	-9.000	-9.000	-9.000	-8.000	1-107-96
15001.0	H. BAY- HALBERSON SHORELINE	1585	4/17/96	42.0	-9.000	-9.000	-8.000	-9.000	-9.000	-9.000	-9.000	-8.000	1-107-96
14002.0	EUREKA WATERFRONT- J STREET	1586	4/17/96	42.0	-9.000	-9.000	-8.000	-9.000	-9.000	-9.000	-9.000	-8.000	1-107-96
14001.0	EUREKA WATERFRONT- H STREET	1587	4/17/96	42.0	-9.000	-9.000	-8.000	-9.000	-9.000	-9.000	-9.000	-8.000	1-107-96
10006.0	BODEGA BAY MASON'S MARINA	1682	12/6/96	47.0	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-9.000	97-359
10007.0	BODEGA-SPUD POINT MARINA	1683	12/5/96	47.0	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-9.000	97-359
10028.0	PORTO BODEGA MARINA	1684	12/6/96	47.0	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-9.000	97-359
10040.0	UNCONTAMINATED SITE-33D	1685	12/6/96	47.0	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-9.000	97-359



## **SECTION IV**

### **PAH Analysis of Sediments**



PAH ANALYSIS OF SEDIMENTS (dry weight-ppb-ng/g)

STANUM STATION	IDORG	DATE	LEG	ACY	ACE	ANT	BAA	BAP	BBF	BKF	BGP	BEP	BPH	CHR	COR
10004.0	ARCATA BAY-MCDANIEL SL.	304	11/30/92	8.0	-9.00	-8.00	5.10	8.80	-9.00	-9.00	-9.00	38.10	36.20	27.90	-9.00
10015.0	ARCATA BAY-MAD RIVER SL.	315	11/30/92	8.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10016.0	ARCATA BAY-JOLLY GIANT SL	316	11/30/92	8.0	-9.00	10.60	19.10	47.20	-9.00	-9.00	-9.00	64.40	28.10	72.80	-9.00
10017.0	ARCATA BAY-EUREKA SL.	317	11/29/92	8.0	-9.00	10.70	13.60	35.70	-9.00	-9.00	-9.00	60.80	36.80	69.20	-9.00
10018.0	H. BAY-UNION OIL PLANT	318	11/29/92	8.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10019.0	H. BAY-COAL/OIL/GAS PLANT	319	11/29/92	8.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10020.0	H. BAY-OLD PAC. LUMBER SITE	320	11/29/92	8.0	-9.00	12.10	40.10	141.00	-9.00	-9.00	-9.00	92.20	29.90	82.10	-9.00
10021.0	H. BAY-CHEVRON TERMINAL	321	11/29/92	8.0	-9.00	13.30	20.40	36.00	-9.00	-9.00	-9.00	43.90	26.10	77.30	-9.00
14001.0	EUREKA WATERFRONT - H STREET	322	11/29/92	8.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10023.0	H. BAY EUREKA STORM 23	323	11/29/92	8.0	-9.00	26.00	38.70	139.00	-9.00	-9.00	-9.00	129.00	34.20	203.00	-9.00
10024.0	H. BAY FIELDS LANDING	324	11/29/92	8.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10025.0	H. BAY HOOKTON SL.	325	11/29/92	8.0	-9.00	-8.00	-8.00	7.60	-9.00	-9.00	-9.00	19.30	27.10	13.60	-9.00
10036.0	SOUTHPORT CHANNEL-33B	336	11/30/92	8.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10037.0	H. BAY-MOUTHI OF ELK RIVER	337	11/30/92	8.0	-9.00	13.60	23.10	60.10	-9.00	-9.00	-9.00	70.80	27.70	76.80	-9.00
14004.0	DAVENPORT MARINE	338	11/30/92	8.0	-9.00	71.00	51.50	87.80	-9.00	-9.00	-9.00	95.50	59.20	150.00	-9.00
10005.0	RUSSIAN RIVER MOUTH SMW 280.0	305	2/25/93	14.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10006.0	BODEGA BAY-MASON'S MARINA	306	2/25/93	14.0	-9.00	112.00	140.00	304.00	-9.00	-9.00	-9.00	202.00	29.40	618.00	-9.00
10007.0	BODEGA BAY-SPUD POINT MARINA	307	2/25/93	14.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10028.0	BODEGA BAY PORTO BODEGA MARINA	328	2/25/93	14.0	-9.00	6.60	16.50	53.50	-9.00	-9.00	-9.00	78.80	21.00	103.00	-9.00
10029.0	ESTERO AMERICANO-VALLEY FORD	329	2/25/93	14.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10030.0	ESTERO DE SAN ANTONIO-VALLEY F	330	2/25/93	14.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10031.0	MOUTH OF ESTERO AMERICANO	331	2/26/93	14.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10032.0	MOUTH OF ESTERO DE SAN ANTONIO	332	2/26/93	14.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10039.0	UNCONTAMINATED SITE-33C	339	2/25/93	14.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10040.0	UNCONTAMINATED SITE-33D	340	2/26/93	14.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10041.0	SALMON CREEK-34L	341	2/25/93	14.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	900	6/22/93	20.0	-9.00	8.00	15.80	46.20	-9.00	-9.00	-9.00	51.50	17.10	69.40	-9.00
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	901	6/22/93	20.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	902	6/22/93	20.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	906	6/22/93	21.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	907	6/22/93	21.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	908	6/22/93	21.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	912	6/22/93	22.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00

PAH ANALYSIS OF SEDIMENTS (dry weight-ppb-ng/g)

STATION	IDORG	DATE	LEG	ACV	ACTE	ANT	BAA	BAP	BHF	BKF	BGP	BEP	BPH	CHR	COR
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	6/22/93	22.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	6/22/93	22.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	6/22/93	23.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	6/22/93	23.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	6/22/93	23.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10040.0	UNCONTAMINATED SITE-33D	5/16/94	32.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10031.0	MOUTH OF ESTERO AMERICANO	5/16/94	32.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10006.0	BODEGA BAY-MASON'S MARINA REP1	6/14/94	33.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10006.0	BODEGA BAY-MASON'S MARINA REP2	6/14/94	33.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10006.0	BODEGA BAY-MASON'S MARINA REP3	6/14/94	33.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10007.0	BODEGA-SPUD POINT MARINA REP1	6/13/94	33.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10007.0	BODEGA-SPUD POINT MARINA REP2	6/13/94	33.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10007.0	BODEGA-SPUD POINT MARINA REP3	6/13/94	33.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10028.0	PORTO BODEGA MARINA REP1	6/14/94	33.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10028.0	PORTO BODEGA MARINA REP2	6/14/94	33.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10028.0	PORTO BODEGA MARINA REP3	6/14/94	33.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10040.0	UNCONTAMINATED SITE-33D REP1	6/13/94	33.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10040.0	UNCONTAMINATED SITE-33D REP2	6/13/94	33.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10040.0	UNCONTAMINATED SITE-33D REP3	6/13/94	33.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
14003.0	ARCATA BAY- JOLLY GIANT NORTH	2/14/95	36.5	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
15002.0	II. BAY- WASHINGTON STREET	2/15/95	36.5	9.24	11.90	19.70	22.10	36.30	77.10	17.00	39.80	46.40	72.30	39.50	-9.00
10019.0	H. BAY- COAL/OIL/GAS PLANT	2/15/95	36.5	7.47	17.30	26.20	33.80	59.60	92.10	24.60	52.80	54.40	66.00	62.00	-9.00
10020.0	H. BAY- OLD PAC. LUMBER SITE	2/15/95	36.5	13.50	11.10	25.20	57.70	171.00	169.00	50.20	171.00	115.00	69.90	72.60	-9.00
14004.0	DAVENPORT MARINE	2/15/95	36.5	6.76	17.00	15.10	22.70	25.40	58.80	12.30	33.50	38.30	67.80	38.70	-9.00
10022.0	HUMBOLDT BAY EUREKA SM.22	2/15/95	36.5	-8.00	15.10	17.50	23.40	33.20	72.20	16.50	36.30	41.50	69.90	62.20	-9.00
14001.0	EUREKA WATERFRONT H STREET	2/15/95	36.5	22.80	12.00	34.50	75.60	147.00	162.00	51.30	129.00	103.00	70.20	78.80	-9.00
14002.0	EUREKA WATERFRONT J STREET	2/15/95	36.5	27.10	624.00	212.00	564.00	438.00	604.00	258.00	258.00	301.00	181.00	512.00	-9.00
14004.0	DAVENPORT MARINE	4/17/96	42.0	10.20	22.50	13.10	28.60	25.80	50.40	10.50	-8.00	47.40	44.70	49.80	-9.00
10023.0	H. BAY EUREKA STORM 23	4/17/96	42.0	9.52	15.70	19.80	76.90	78.80	112.00	10.20	83.80	74.50	20.10	103.00	-9.00
10016.0	ARCATA BAY-JOLLY GIANT SL.	4/18/96	42.0	12.00	14.90	24.00	118.00	115.00	213.00	20.20	206.00	160.00	31.10	165.00	-9.00
10017.0	ARCATA BAY-EUREKA SL.	4/17/96	42.0	9.69	12.70	149.00	49.10	52.10	89.40	10.00	91.90	72.30	33.80	80.50	-9.00
10021.0	H. BAY-CHEVRON TERMINAL	4/17/96	42.0	7.58	-8.00	10.20	18.70	22.30	34.00	8.59	-8.00	26.10	34.70	32.80	-9.00
10019.0	H. BAY-COAL/OIL/GAS PLANT	4/17/96	42.0	12.20	38.00	155.00	108.00	74.20	105.00	11.30	59.90	67.10	48.40	141.00	-9.00



PAH ANALYSIS OF SEDIMENTS (dry weight-ppb-ng/g)

STANUM	STATION	IDORG	DATE	LEG	ACY	ACE	ANT	BAA	BAP	BBF	BKF	BGP	BEP	BPH	CHR	COR
10018.0	H. BAY-UNION OIL PLANT	1584	4/17/96	42.0	24.90	33.40	68.10	153.00	154.00	229.00	16.70	168.00	141.00	36.70	297.00	-9.00
15001.0	H. BAY- HALBERSON SHORELINE	1585	4/17/96	42.0	7.77	14.70	10.80	34.70	33.90	69.90	-8.00	44.80	44.10	32.00	60.20	-9.00
14002.0	EUREKA WATERFRONT- J STREET	1586	4/17/96	42.0	-8.00	22.00	11.40	32.40	28.90	67.30	-8.00	54.80	47.30	53.50	54.10	-9.00
14001.0	EUREKA WATERFRONT- H STREET	1587	4/17/96	42.0	16.20	24.00	21.60	66.80	63.00	93.00	12.00	94.70	72.70	60.10	97.70	-9.00
10006.0	BODEGA BAY MASON'S MARINA	1682	12/6/96	47.0	3.46	7.19	95.85	71.93	53.10	120.62	43.14	40.34	65.53	13.46	199.99	8.19
10007.0	BODEGA-SPUD POINT MARINA	1683	12/5/96	47.0	-8.00	-8.00	-8.00	2.68	2.09	5.90	1.03	3.30	3.62	3.27	6.01	-8.00
10028.0	PORTO BODEGA MARINA	1684	12/6/96	47.0	4.11	9.70	24.35	74.07	63.60	161.81	61.25	50.64	85.91	19.89	230.65	11.06
10040.0	UNCONTAMINATED SITE-33D	1685	12/6/96	47.0	-8.00	-8.00	-8.00	1.06	0.75	2.33	0.50	1.15	1.69	1.53	3.57	-8.00

PAH ANALYSIS OF SEDIMENTS (dry weight-ppb-ng/g)

STANUM	STATION	IDORG	DATE	LEG	DBA	DBT	DMN	FLA	FLU	IND	MNPI	MNP2	MPHI	NPH	PHI
10004.0	ARCATA BAY-MCDANIEL SL.	304	11/30/92	8.0	-8.00	-9.00	32.80	37.30	41.40	-9.00	69.70	106.00	43.30	-9.00	143.00
10015.0	ARCATA BAY-MAD RIVER SL.	315	11/30/92	8.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10016.0	ARCATA BAY-JOLLY GIANT SL.	316	11/30/92	8.0	11.70	-9.00	29.30	176.00	36.30	-9.00	53.20	94.90	36.40	-9.00	145.00
10017.0	ARCATA BAY-EUREKA SL.	317	11/29/92	8.0	7.10	-9.00	35.20	166.00	41.40	-9.00	56.30	89.30	48.70	-9.00	184.00
10018.0	II. BAY-UNION OIL PLANT	318	11/29/92	8.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10019.0	II. BAY-COAL/OIL/GAS PLANT	319	11/29/92	8.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10020.0	II. BAY-OLD PAC. LUMBER SITE	320	11/29/92	8.0	17.20	-9.00	27.90	302.00	42.60	-9.00	47.80	77.60	29.00	-9.00	168.00
10021.0	II. BAY-CHEVRON TERMINAL	321	11/29/92	8.0	6.50	-9.00	25.10	225.00	38.60	-9.00	52.80	88.10	26.50	-9.00	146.00
14001.0	EUREKA WATERFRONT - H STREET	322	11/29/92	8.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10023.0	II. BAY EUREKA STORM 23	323	11/29/92	8.0	21.60	-9.00	38.00	536.00	53.70	-9.00	58.00	102.00	56.40	-9.00	404.00
10024.0	II. BAY FIELDS LANDING	324	11/29/92	8.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10025.0	H. BAY HOOKTON SL.	325	11/29/92	8.0	-8.00	-9.00	31.00	36.00	32.60	-9.00	66.70	103.00	36.90	-9.00	115.00
10036.0	SOUTHPORT CHANNEL-33B	336	11/30/92	8.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10037.0	H. BAY-MOUTH OF ELK RIVER	337	11/30/92	8.0	13.30	-9.00	31.30	204.00	40.00	-9.00	61.30	103.00	36.00	-9.00	173.00
14004.0	DAVENPORT MARINE	338	11/30/92	8.0	14.10	-9.00	61.70	648.00	113.00	-9.00	86.00	173.00	54.30	-9.00	393.00
10005.0	RUSSIAN RIVER MOUTH SMW 280.0	305	2/25/93	14.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10006.0	BODEGA BAY-MASON'S MARINA	306	2/25/93	14.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10007.0	BODEGA BAY-SPUD POINT MARINA	307	2/25/93	14.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10028.0	BODEGA BAY PORTO BODEGA MARINA	328	2/25/93	14.0	14.90	-9.00	18.60	258.00	22.80	-9.00	37.30	55.50	28.80	-9.00	134.00
10029.0	ESTERO AMERICANO-VALLEY FORD	329	2/25/93	14.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10030.0	ESTERO DE SAN ANTONIO-VALLEY F	330	2/25/93	14.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10031.0	MOUTH OF ESTERO AMERICANO	331	2/26/93	14.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10032.0	MOUTH OF ESTERO DE SAN ANTONIO	332	2/26/93	14.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10039.0	UNCONTAMINATED SITE-33C	339	2/25/93	14.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10040.0	UNCONTAMINATED SITE-33D	340	2/26/93	14.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10041.0	SALMON CRFEK-34L	341	2/25/93	14.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	900	6/22/93	20.0	11.50	-9.00	19.40	169.00	25.90	-9.00	38.40	65.10	29.10	-9.00	124.00
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	901	6/22/93	20.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	902	6/22/93	20.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	906	6/22/93	21.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	907	6/22/93	21.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	908	6/22/93	21.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	912	6/22/93	22.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00

PAH ANALYSIS OF SEDIMENTS (dry weight-ppb-ng/g)

STANUM	STATION	IDORG	DATE	LEG	DBA	DBT	DMN	FLA	FLU	IND	MNPI	MNP2	MPHI	NPH	PHN
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	913	6/22/93	22.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	914	6/22/93	22.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	915	6/22/93	23.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	916	6/22/93	23.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	917	6/22/93	23.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10040.0	UNCONTAMINATED SITE-33D	1321	5/16/94	32.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10031.0	MOUTH OF ESTERO AMERICANO	1322	5/16/94	32.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10006.0	BODEGA BAY-MASON'S MARINA REP1	1350	6/14/94	33.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10006.0	BODEGA BAY-MASON'S MARINA REP2	1351	6/14/94	33.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10006.0	BODEGA BAY-MASON'S MARINA REP3	1352	6/14/94	33.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10007.0	BODEGA-SPUD POINT MARINA REP1	1353	6/13/94	33.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10007.0	BODEGA-SPUD POINT MARINA REP2	1354	6/13/94	33.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10007.0	BODEGA-SPUD POINT MARINA REP3	1355	6/13/94	33.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10028.0	PORTO BODEGA MARINA REP1	1356	6/14/94	33.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10028.0	PORTO BODEGA MARINA REP2	1357	6/14/94	33.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10028.0	PORTO BODEGA MARINA REP3	1358	6/14/94	33.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10040.0	UNCONTAMINATED SITE-33D REP1	1359	6/13/94	33.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10040.0	UNCONTAMINATED SITE-33D REP2	1360	6/13/94	33.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10040.0	UNCONTAMINATED SITE-33D REP3	1361	6/13/94	33.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
14003.0	ARCATA BAY- JOLLY GIANT NORTH	1438	2/14/95	36.5	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
15002.0	H. BAY- WASHINGTON STREET	1440	2/15/95	36.5	-8.00	-9.00	81.30	98.00	75.40	25.70	138.00	249.00	80.30	126.00	232.00
10019.0	H. BAY- COAL/OIL/GAS PLANT	1442	2/15/95	36.5	11.90	-9.00	76.00	217.00	70.90	42.50	125.00	226.00	71.40	113.00	276.00
10020.0	H. BAY- OLD PAC. LUMBER SITE	1444	2/15/95	36.5	21.70	-9.00	70.30	277.00	70.90	149.00	129.00	230.00	77.20	137.00	257.00
14004.0	DAVENPORT MARINE	1446	2/15/95	36.5	7.74	-9.00	72.60	120.00	77.00	19.00	131.00	237.00	72.30	112.00	250.00
10022.0	HUMBOLDT BAY EUREKA SM.22	1448	2/15/95	36.5	-8.00	-9.00	76.80	82.10	71.10	24.50	135.00	243.00	82.10	111.00	239.00
14001.0	EUREKA WATERFRONT H STREET	1450	2/15/95	36.5	28.20	-9.00	77.80	239.00	75.20	115.00	135.00	243.00	89.60	130.00	270.00
14002.0	EUREKA WATERFRONT J STREET	1452	2/15/95	36.5	95.40	-9.00	90.10	2260.00	445.00	288.00	268.00	572.00	122.00	266.00	1920.00
14004.0	DAVENPORT MARINE	1578	4/17/96	42.0	-8.00	-9.00	83.00	80.80	51.80	-8.00	91.90	155.00	48.50	88.90	170.00
10023.0	H. BAY EUREKA STORM 23	1579	4/17/96	42.0	14.70	-9.00	35.70	269.00	30.10	65.20	34.80	61.30	-8.00	76.10	242.00
10016.0	ARCATA BAY-JOLLY GIANT SL.	1580	4/18/96	42.0	-8.00	-9.00	57.80	312.00	35.10	-8.00	52.20	92.00	52.90	54.80	209.00
10017.0	ARCATA BAY-EUREKA SL.	1581	4/17/96	42.0	-8.00	-9.00	62.70	124.00	37.60	-8.00	67.00	112.00	26.60	65.00	147.00
10021.0	H. BAY-CHEVRON TERMINAL	1582	4/17/96	42.0	-8.00	-9.00	62.40	53.30	39.70	-8.00	67.40	113.00	-8.00	70.90	108.00
10019.0	H. BAY-COAL/OIL/GAS PLANT	1583	4/17/96	42.0	-8.00	-9.00	73.50	294.00	89.60	52.20	68.90	131.00	-8.00	109.00	224.00

PAH ANALYSIS OF SEDIMENT'S (dry weight-ppb-ng/g)

STANUM	STATION	IDORG	DATE	LEG	DIB	DBT	DMN	FLA	FLU	IND	MNP1	MNP2	MPIII	NPI	PIIN
10018.0	IL BAY-UNION OIL PLANT	1584	4/17/96	42.0	-8.00	-9.00	56.10	689.00	67.70	118.00	55.00	95.40	-8.00	128.00	525.00
15001.0	IL BAY-HALBERSON SHORELINE	1585	4/17/96	42.0	-8.00	-9.00	61.20	150.00	43.00	36.20	57.30	105.00	25.70	62.40	180.00
14002.0	EUREKA WATERFRONT-J STREET	1586	4/17/96	42.0	-8.00	-9.00	102.00	119.00	61.90	30.90	104.00	182.00	65.60	95.40	222.00
14001.0	EUREKA WATERFRONT-H STREET	1587	4/17/96	42.0	-8.00	-9.00	111.00	211.00	73.90	74.00	108.00	194.00	70.20	115.00	218.00
10006.0	BODIGA BAY MASON'S MARINA	1682	12/6/96	47.0	8.70	11.09	25.43	295.35	22.51	40.56	36.09	53.53	27.71	29.44	133.09
10007.0	BODEGA-SPUD POINT MARINA	1683	12/5/96	47.0	-8.00	1.92	5.36	11.94	2.41	2.06	5.98	10.19	4.93	6.58	16.92
10028.0	PORTO BODEGA MARINA	1684	12/6/96	47.0	8.65	11.80	31.64	494.55	22.91	48.23	38.97	58.17	36.42	34.34	186.33
10040.0	UNCONTAMINATED SITE-33D	1685	12/6/96	47.0	-8.00	1.00	2.43	3.55	1.86	0.75	3.58	5.00	3.23	2.81	11.19

PAH ANALYSIS OF SEDIMENTS (dry weight-ppb-ng/g)

STANUM	STATION	IDORG	DATE	LEG	PER	PYR	TMN	TRY	PAH	BATCH	SODATAQA
10004.0	ARCATA BAY-MCDANIEL SL.	304	11/30/92	8.0	149.00	51.40	-9.00	-9.00	72.70		-4
10015.0	ARCATA BAY-MAD RIVER SL.	315	11/30/92	8.0	-9.00	-9.00	-9.00	-9.00	-9.00		-9
10016.0	ARCATA BAY-JOLLY GIANT SL.	316	11/30/92	8.0	44.20	220.00	-9.00	-9.00	73.30		-4
10017.0	ARCATA BAY-EUREKA SL.	317	11/29/92	8.0	70.00	161.00	-9.00	-9.00	72.60		-4
10018.0	H. BAY-UNION OIL PLANT	318	11/29/92	8.0	-9.00	-9.00	-9.00	-9.00	-9.00		-9
10019.0	H. BAY-COAL/OIL/GAS PLANT	319	11/29/92	8.0	-9.00	-9.00	-9.00	-9.00	-9.00		-9
10020.0	H. BAY-OLD PAC. LUMBER SITE	320	11/29/92	8.0	101.00	363.00	-9.00	-9.00	72.60		-4
10021.0	H. BAY-CHEVRON TERMINAL	321	11/29/92	8.0	38.50	210.00	-9.00	-9.00	73.30		-4
14001.0	EUREKA WATERFRONT - H STREET	322	11/29/92	8.0	-9.00	-9.00	-9.00	-9.00	-9.00		-9
10023.0	H. BAY EUREKA STORM 23	323	11/29/92	8.0	76.50	495.00	-9.00	-9.00	72.80		-4
10024.0	H. BAY FIELDS LANDING	324	11/29/92	8.0	-9.00	-9.00	-9.00	-9.00	-9.00		-9
10025.0	H. BAY HOOKTON SL.	325	11/29/92	8.0	57.10	42.60	-9.00	-9.00	73.30		-4
10036.0	SOUTHPORT CHANNEL-33B	336	11/30/92	8.0	-9.00	-9.00	-9.00	-9.00	-9.00		-9
10037.0	H. BAY-MOUTH OF ELK RIVER	337	11/30/92	8.0	86.40	224.00	-9.00	-9.00	73.30		-4
14004.0	DAVENPORT MARINE	338	11/30/92	8.0	64.30	533.00	-9.00	-9.00	73.30		-4
10005.0	RUSSIAN RIVER MOUTH SMW 280.0	305	2/25/93	14.0	-9.00	-9.00	-9.00	-9.00	-9.00		-9
10006.0	BODEGA BAY-MASON'S MARINA	306	2/25/93	14.0	92.40	1760.00	-9.00	-9.00	72.10		-4
10007.0	BODEGA BAY-SPUD POINT MARINA	307	2/25/93	14.0	-9.00	-9.00	-9.00	-9.00	-9.00		-9
10028.0	BODEGA BAY PORTO BODEGA MARINA	328	2/25/93	14.0	31.80	293.00	-9.00	-9.00	72.90		-4
10029.0	ESTERO AMERICANO-VALLEY FORD	329	2/25/93	14.0	-9.00	-9.00	-9.00	-9.00	-9.00		-9
10030.0	ESTERO DE SAN ANTONIO-VALLEY F	330	2/25/93	14.0	-9.00	-9.00	-9.00	-9.00	-9.00		-9
10031.0	MOUTH OF ESTERO AMERICANO	331	2/26/93	14.0	-9.00	-9.00	-9.00	-9.00	-9.00		-9
10032.0	MOUTH OF ESTERO DE SAN ANTONIO	332	2/26/93	14.0	-9.00	-9.00	-9.00	-9.00	-9.00		-9
10039.0	UNCONTAMINATED SITE-33C	339	2/25/93	14.0	-9.00	-9.00	-9.00	-9.00	-9.00		-9
10040.0	UNCONTAMINATED SITE-33D	340	2/26/93	14.0	-9.00	-9.00	-9.00	-9.00	-9.00		-9
10041.0	SALMON CREEK-34L	341	2/25/93	14.0	-9.00	-9.00	-9.00	-9.00	-9.00		-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	900	6/22/93	20.0	37.00	153.00	-9.00	-9.00	73.50		-4
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	901	6/22/93	20.0	-9.00	-9.00	-9.00	-9.00	-9.00		-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	902	6/22/93	20.0	-9.00	-9.00	-9.00	-9.00	-9.00		-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	906	6/22/93	21.0	-9.00	-9.00	-9.00	-9.00	-9.00		-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	907	6/22/93	21.0	-9.00	-9.00	-9.00	-9.00	-9.00		-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	908	6/22/93	21.0	-9.00	-9.00	-9.00	-9.00	-9.00		-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	912	6/22/93	22.0	-9.00	-9.00	-9.00	-9.00	-9.00		-9

PAH ANALYSIS OF SEDIMENTS (dry weight-ppb-ng/g)

STANUM	STATION	IDORG	DATE	LEG	PER	PYR	TMN	TRY	PAHBATCH	SODATAQA
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	913	6/22/93	22.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	914	6/22/93	22.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	915	6/22/93	23.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	916	6/22/93	23.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	917	6/22/93	23.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9
10040.0	UNCONTAMINATED SITE-33D	1321	5/16/94	32.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9
10031.0	MOUTH OF ESTERO AMERICANO	1322	5/16/94	32.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9
10006.0	BODEGA BAY-MASON'S MARINA REP1	1350	6/14/94	33.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9
10006.0	BODEGA BAY-MASON'S MARINA REP2	1351	6/14/94	33.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9
10006.0	BODEGA BAY-MASON'S MARINA REP3	1352	6/14/94	33.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9
10007.0	BODEGA-SPUD POINT MARINA REP1	1353	6/13/94	33.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9
10007.0	BODEGA-SPUD POINT MARINA REP2	1354	6/13/94	33.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9
10007.0	BODEGA-SPUD POINT MARINA REP3	1355	6/13/94	33.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9
10028.0	PORTO BODEGA MARINA REP1	1356	6/14/94	33.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9
10028.0	PORTO BODEGA MARINA REP2	1357	6/14/94	33.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9
10028.0	PORTO BODEGA MARINA REP3	1358	6/14/94	33.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9
10040.0	UNCONTAMINATED SITE-33D REP1	1359	6/13/94	33.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9
10040.0	UNCONTAMINATED SITE-33D REP2	1360	6/13/94	33.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9
10040.0	UNCONTAMINATED SITE-33D REP3	1361	6/13/94	33.0	-9.00	-9.00	-9.00	-9.00	-9.00	-9
14003.0	ARCATA BAY- JOLLY GIANT NORTH	1438	2/14/95	36.5	-9.00	-9.00	-9.00	-9.00	73.50	-5
15002.0	H. BAY- WASHINGTON STREET	1440	2/15/95	36.5	49.80	98.00	33.10	-9.00	73.50	-5
10019.0	II. BAY- COAL/OIL/GAS PLANT	1442	2/15/95	36.5	48.20	180.00	28.50	-9.00	73.50	-5
10020.0	H. BAY- OLD PAC. LUMBER SITE	1444	2/15/95	36.5	86.80	304.00	31.90	-9.00	73.50	-5
14004.0	DAVENPORT MARINE	1446	2/15/95	36.5	40.80	110.00	31.60	-9.00	73.50	-5
10022.0	HUMBOLDT BAY EUREKA SM.22	1448	2/15/95	36.5	40.30	82.70	31.80	-9.00	73.50	-5
14001.0	EUREKA WATERFRONT II STREET	1450	2/15/95	36.5	70.00	280.00	33.90	-9.00	73.50	-5
14002.0	EUREKA WATERFRONT J STREET	1452	2/15/95	36.5	146.00	1810.00	32.00	-9.00	73.50	-5
14004.0	DAVENPORT MARINE	1578	4/17/96	42.0	29.90	76.10	39.30	-9.00	L-107-96	-5
10023.0	II. BAY EUREKA STORM 23	1579	4/17/96	42.0	21.20	238.00	16.30	-9.00	L-107-96	-5
10016.0	ARCATA BAY-JOLLY GIANT SL.	1580	4/18/96	42.0	-8.00	295.00	24.90	-9.00	L-107-96	-5
10017.0	ARCATA BAY-EUREKA SL.	1581	4/17/96	42.0	85.10	121.00	29.80	-9.00	L-107-96	-5
10021.0	H. BAY-CHEVRON TERMINAL	1582	4/17/96	42.0	28.00	56.50	29.30	-9.00	L-107-96	-5
10019.0	H. BAY-COAL/OIL/GAS PLANT	1583	4/17/96	42.0	40.10	260.00	31.50	-9.00	L-107-96	-5

PAH ANALYSIS OF SEDIMENTS (dry weight-ppb-ng/g)

STANUM	STATION	IDORG	DATE	LEG	PER	PYR	TMN	TRY	PAHBATCH	SODATAQA
10018.0	H. BAY-UNION OIL PLANT	1584	4/17/96	42.0	44.80	636.00	29.50	-9.00	L-107-96	-5
15001.0	H. BAY- HALBERSON SHORELINE	1585	4/17/96	42.0	38.80	123.00	28.50	-9.00	L-107-96	-5
14002.0	EUREKA WATERFRONT- J STREET	1586	4/17/96	42.0	57.50	110.00	47.50	-9.00	L-107-96	-5
14001.0	EUREKA WATERFRONT- H STREET	1587	4/17/96	42.0	56.20	211.00	53.60	-9.00	L-107-96	-5
10006.0	BODEGA BAY MASON'S MARINA	1682	12/6/96	47.0	30.55	241.99	11.68	-9.00	97-307	-5
10007.0	BODEGA-SPIUD POINT MARINA	1683	12/5/96	47.0	2.22	11.07	3.10	-9.00	97-307	-5
10028.0	PORTO BODEGA MARINA	1684	12/6/96	47.0	26.93	442.56	15.98	-9.00	97-307	-5
10040.0	UNCONTAMINATED SITE-33D	1685	12/6/96	47.0	3.04	4.37	1.39	-9.00	97-307	-5





## **SECTION V**

### **BTEX And TPH Data (Sediments)**



BTEX AND TPH DATA (dry weight-ppm-ug/g)

STANUM	STATION	IDORG	DATE	LEG	BENZENE	TOLUENE	ETHBENZENE	XYLENES	TPH	DIESEL
14003.0	ARCATA BAY - JOLLY GIANT NORTH	1438	2/14/95	36.5	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00
15002.0	H. BAY- WASHINGTON STREET	1440	2/15/95	36.5	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00
10019.0	H. BAY- COAL/OIL/GAS/PLANT	1442	2/15/95	36.5	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00
10020.0	H. BAY- OLD PAC. LUMBER SITE	1444	2/15/95	36.5	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00
14004.0	DAVENPORT MARINE	1446	2/15/95	36.5	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00
10022.0	HUMBOLDT BAY EUREKA. SM. 22	1448	2/15/95	36.5	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00
14001.0	EUREKA WATERFRONT H STREET	1450	2/15/95	36.5	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00
14002.0	EUREKA WATERFRONT J STREET	1452	2/15/95	36.5	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00



## SECTION VI

### Sediment Chemistry Summations and Quotients



## CHEMICAL SUMMATIONS AND QUOTIENTS

In the following section, chemical summations (total chlordane, total DDT, total PCBs, LMW PAHs, HMW PAHs, total PAHs) and quotients (ERM and PEL) are presented. For purposes of these summations, samples which were found to have chemical concentrations less than the method detection limit (-8 in Appendix C) were adjusted to a value of one-half of the method detection limits given in the methods description. The summations were calculated as follows:

### Total chlordane

$$(TTL\_CHLR) = \sum ([cis\text{-Chlordane}] [trans\text{-Chlordane}] [cis\text{-Nonachlor}] [trans\text{-Nonachlor}] [Oxychlordane])$$

### Total DDT

$$(TTL\_DDT) = \sum ([o',p' \text{ DDD}] [p',p' \text{ DDD}] [o',p' \text{ DDE}] [p',p' \text{ DDE}] [o',p' \text{ DDT}] [p',p' \text{ DDT}])$$

### Total PCB

$$(TTL\_PCB) = \sum ([PCB8] [PCB18] [PCB28] [PCB44] [PCB52] [PCB66] [PCB101] [PCB105] [PCB118] [PCB128] [PCB138] [PCB153] [PCB170] [PCB180] [PCB187] [PCB195] [PCB206] [PCB209])$$

### Low Molecular Weight PAHs

$$(LMW\_PAH) = \sum ([ACE] [ACY] [ANT] [BPH] [DMN] [FLU] [MNP1] [MNP2] [MPH1] [NPH] [PHN] [TMN])$$

### High Molecular Weight PAHs

$$(HMW\_PAH) = \sum ([BAA] [BAP] [BBF] [BKF] [BGP] [BEP] [CHR] [DBA] [FLA] [IND] [PER] [PYR])$$

### Total PAHs

$$(TTL\_PAH) = \sum ([LMW\_PAH] [HMW\_PAH])$$

ERM Quotients and PEL Quotients were calculated using summations of the individual chemicals for which ERMs and PELs have been derived. Chemical concentrations are divided by their respective ERM or PEL values to obtain a specific individual chemical quotient (Example 1). TTLDDTQE (P) is expressed as:  $(TTL\_DDT/TOC)/100$ , where TTL\_DDT is the sum of the six DDT metabolites, TOC is the total organic carbon content of the sample, and 100 reflects the 100  $\mu\text{g/g}$  DDT/TOC value reported by Swarzt to be associated with biological effect. A value greater than one indicates the chemical concentration in that sample exceeded its respective guideline value. A value of five would indicate the chemical was five times higher than the respective guideline value in that sample.

Example 1 - sample IDORG #199 Copper concentration = 170 mg/g

PEL for copper = 108.2

$$\text{CopperQ} = (170 \text{ mg/g}) / (108.2 \text{ mg/g}) = 1.57$$

Summations and averaging of the individual chemical quotients were calculated to give summary ERM Quotients (ERMQ) and PEL Quotients (PELQ). Each quotient summation is divided by the number of analytes used in the summation to yield an average summary quotient.

Summary ERM Quotient

$$\text{ERMQ} = ((\text{ANTIMONYQ} + \text{CADMIUMQ} + \text{CHROMIUMQ} + \text{COPPERQ} + \text{LEADQ} + \text{MERCURYQ} + \text{SILVERQ} + \text{ZINCQ} + \text{TTL\_DDTQ} + \text{TTL\_CHLRQ} + \text{DIELDRINQ} + \text{ENDRINQ} + \text{TTL\_PCBQ} + \text{LMW\_PAHQ} + \text{HMW\_PAHQ}) / 15)$$

Summary PEL Quotient

$$\text{PELQ} = ((\text{ANTIMONYQ} + \text{CADMIUMQ} + \text{CHROMIUMQ} + \text{COPPERQ} + \text{LEADQ} + \text{MERCURYQ} + \text{SILVERQ} + \text{ZINCQ} + \text{TTL\_DDTQ} + \text{TTL\_CHLRQ} + \text{DIELDRINQ} + \text{LINDANEQ} + \text{TTL\_PCBQ} + \text{LMW\_PAHQ} + \text{HMW\_PAHQ}) / 14)$$



SEDIMENT CHEMISTRY SUMMATIONS AND QUOTIENTS

STANUM	STATION	IDORG	DATE	LEG	TTL	CHLR	TTL	DDI	TTL	PCB	LMW	PAH	HMW	PAH	TTL	PAH	ERMQ	PELO
10004.0	ARCATA BAY-MCDANIEL SL.	304	11/30/92	8.0	-0.500	2.70	8.000	480.00	327.60	807.60	0.112	0.226						
10015.0	ARCATA BAY-MAD RIVER SL.	315	11/30/92	8.0	-0.500	-9.00	-9.000	-9.00	-9.00	-9.000	-9.000	-9.000						
10016.0	ARCATA BAY-JOLLY GIANT SL	316	11/30/92	8.0	0.500	4.20	32.100	452.90	675.40	1128.30	0.153	0.301						
10017.0	ARCATA BAY-EUREKA SL.	317	11/29/92	8.0	0.500	2.70	9.400	516.00	619.70	1135.70	0.121	0.242						
10018.0	H. BAY-UNION OIL PLANT	318	11/29/92	8.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.000	-9.000	-9.000						
10019.0	H. BAY-COAL/OIL/GAS PLANT	319	11/29/92	8.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.000	-9.000	-9.000						
10020.0	H. BAY-OLD PAC. LUMBER SITE	320	11/29/92	8.0	0.500	2.70	8.000	475.00	1176.60	1651.60	0.111	0.225						
10021.0	H. BAY-CHEVRON TERMINAL	321	11/29/92	8.0	0.500	2.70	8.000	436.90	689.80	1126.70	0.114	0.237						
14001.0	EUREKA WATERFRONT - H STREET	322	11/29/92	8.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.000	-9.000	-9.000						
10023.0	H. BAY EUREKA STORM 23	323	11/29/92	8.0	0.500	2.70	12.500	811.00	1733.10	2544.10	0.137	0.274						
10024.0	H. BAY HELDS LANDING	324	11/29/92	8.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.000	-9.000	-9.000						
10025.0	H. BAY HOOKTON SL.	325	11/29/92	8.0	0.500	2.70	8.000	417.30	187.90	605.20	0.107	0.220						
10036.0	SOUTHPORT CHANNEL-33B	336	11/30/92	8.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.000	-9.000	-9.000						
10037.0	H. BAY-MOUTH OF ELK RIVER	337	11/30/92	8.0	0.500	4.80	8.500	509.00	803.60	1312.60	0.107	0.214						
14004.0	DAVENPORT MARINE	338	11/30/92	8.0	0.500	3.30	9.300	1062.70	1733.70	2796.40	0.187	0.341						
10005.0	RUSSIAN RIVER MOUTH SMW 280.0	305	2/25/93	14.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.000	-9.000	-9.000						
10006.0	BODEGA BAY-MASON'S MARINA	306	2/25/93	14.0	0.500	2.70	31.000	1415.30	5269.00	6684.30	0.175	0.335						
10007.0	BODEGA BAY-SPUD POINT MARINA	307	2/25/93	14.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.000	-9.000	-9.000						
10028.0	BODEGA BAY PORTO BODEGA MARINA	328	2/25/93	14.0	0.500	4.20	33.200	341.10	885.30	1226.40	0.160	0.305						
10029.0	ESTERO AMERICANO-VALLEY FORD	329	2/25/93	14.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.000	-9.000	-9.000						
10030.0	ESTERO DE SAN ANTONIO-VALLEY F	330	2/25/93	14.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.000	-9.000	-9.000						
10031.0	MOUTH OF ESTERO AMERICANO	331	2/26/93	14.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.000	-9.000	-9.000						
10032.0	MOUTH OF ESTERO DE SAN ANTONIO	332	2/26/93	14.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.000	-9.000	-9.000						
10039.0	UNCONTAMINATED SITE-33C	339	2/25/93	14.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.000	-9.000	-9.000						
10040.0	UNCONTAMINATED SITE-33D	340	2/26/93	14.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.000	-9.000	-9.000						
10041.0	SALMON CREEK-34L	341	2/25/93	14.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.000	-9.000	-9.000						
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	900	6/22/93	20.0	-9.000	3.00	8.000	315.80	550.70	866.50	-9.000	-9.000						
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	901	6/22/93	20.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.000	-9.000	-9.000						
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	902	6/22/93	20.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.000	-9.000	-9.000						
10040.0	UNCONTAMINATED SITE-33D	1321	5/16/94	32.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.000	-9.000	-9.000						
10031.0	MOUTH OF ESTERO AMERICANO	1322	5/16/94	32.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.000	-9.000	-9.000						
10006.0	BODEGA BAY-MASON'S MARINA REP1	1350	6/14/94	33.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.000	-9.000	-9.000						
10006.0	BODEGA BAY-MASON'S MARINA REP2	1351	6/14/94	33.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.000	-9.000	-9.000						
10006.0	BODEGA BAY-MASON'S MARINA REP3	1352	6/14/94	33.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.000	-9.000	-9.000						
10007.0	BODEGA-SPUD POINT MARINA REP1	1353	6/13/94	33.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.000	-9.000	-9.000						
10007.0	BODEGA-SPUD POINT MARINA REP2	1354	6/13/94	33.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.000	-9.000	-9.000						
10007.0	BODEGA-SPUD POINT MARINA REP3	1355	6/13/94	33.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.000	-9.000	-9.000						
10028.0	PORTO BODEGA MARINA REP1	1356	6/14/94	33.0	-9.000	-9.00	-9.000	-9.00	-9.00	-9.000	-9.000	-9.000						

SEDIMENT CHEMISTRY SUMMATIONS AND QUOTIENTS

STANUM	STATION	IDORG	DATE	LEG	TTL	CHLR	TTL	DDT	TTL	PCB	LMW	PAH	HMW	PAH	TTL	PAH	ERMQ	PELQ
10028.0	PORTO BODEGA MARINA REP2	1357	6/14/94	33.0	-9.000	-9.000	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.00	-9.000	-9.000	
10028.0	PORTO BODEGA MARINA REP3	1358	6/14/94	33.0	-9.000	-9.000	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.00	-9.000	-9.000	
10040.0	UNCONTAMINATED SITE-33D REP1	1359	6/13/94	33.0	-9.000	-9.000	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000	-9.000		
10040.0	UNCONTAMINATED SITE-33D REP2	1360	6/13/94	33.0	-9.000	-9.000	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000	-9.000		
10040.0	UNCONTAMINATED SITE-33D REP3	1361	6/13/94	33.0	-9.000	-9.000	-9.00	-9.00	-9.000	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000	-9.000		
14003.0	ARCATA BAY- JOLLY GIANT NORTH	1438	2/14/95	36.5	-9.000	-9.000	-9.00	-9.00	12.516	-9.000	-9.00	-9.00	-9.00	-9.00	-9.000	-9.000		
15002.0	H. BAY- WASHINGTON STREET	1440	2/15/95	36.5	-9.000	-9.000	-9.00	-9.00	-9.000	1128.24	519.90	1648.14	519.90	1648.14	-9.000	-9.000		
10019.0	H. BAY- COAL/OIL/GAS PLANT	1442	2/15/95	36.5	-9.000	-9.000	-9.00	-9.00	-9.000	1103.77	878.90	1982.67	878.90	1982.67	-9.000	-9.000		
10020.0	H. BAY- OLD PAC. LUMBER SITE	1444	2/15/95	36.5	-9.000	-9.000	-9.00	-9.00	-9.000	1123.00	1645.00	2768.00	1645.00	2768.00	-9.000	-9.000		
14004.0	DAVENPORT MARINE	1446	2/15/95	36.5	-9.000	-9.000	-9.00	-9.00	-9.000	1090.16	527.24	1617.40	527.24	1617.40	-9.000	-9.000		
10022.0	HUMBOLDT BAY EUREKA SM.22	1448	2/15/95	36.5	-9.000	-9.000	-9.00	-9.00	-9.000	1094.80	488.60	1583.40	488.60	1583.40	-9.000	-9.000		
14001.0	EUREKA WATERFRONT H STREET	1450	2/15/95	36.5	-9.000	-9.000	-9.00	-9.00	-9.000	1194.00	1478.90	2672.90	1478.90	2672.90	-9.000	-9.000		
14002.0	EUREKA WATERFRONT J STREET	1452	2/15/95	36.5	-9.000	-9.000	-9.00	-9.00	-9.000	4759.20	7534.40	12293.60	7534.40	12293.60	-9.000	-9.000		
14004.0	DAVENPORT MARINE	1578	4/17/96	42.0	1.250	1.250	2.70	2.70	8.000	818.90	414.30	1233.20	414.30	1233.20	0.136	0.275		
10023.0	H. BAY EUREKA STORM 23	1579	4/17/96	42.0	1.250	1.250	2.70	2.70	8.000	563.92	1147.30	1711.22	1147.30	1711.22	0.129	0.268		
10016.0	ARCATA BAY-JOLLY GIANT SL.	1580	4/18/96	42.0	2.540	2.540	2.70	2.70	20.820	660.70	1415.70	2076.40	1415.70	2076.40	0.188	0.362		
10017.0	ARCATA BAY-EUREKA SL.	1581	4/17/96	42.0	1.250	1.250	2.70	2.70	9.500	752.89	698.50	1451.39	698.50	1451.39	0.151	0.305		
10021.0	H. BAY-CHEVRON TERMINAL	1582	4/17/96	42.0	1.250	1.250	2.70	2.70	8.000	548.18	295.29	843.47	295.29	843.47	0.122	0.312		
10019.0	H. BAY-COAL/OIL/GAS PLANT	1583	4/17/96	42.0	1.250	1.250	2.70	2.70	8.000	983.60	1162.90	2146.50	1162.90	2146.50	0.143	0.482		
10018.0	H. BAY-UNION OIL PLANT	1584	4/17/96	42.0	1.250	1.250	2.70	2.70	8.000	1122.30	2488.50	3610.80	2488.50	3610.80	0.164	0.360		
15001.0	H. BAY- HALBERSON SHORELINE	1585	4/17/96	42.0	1.250	1.250	2.70	2.70	8.000	628.37	603.30	1231.67	603.30	1231.67	0.136	0.326		
14002.0	EUREKA WATERFRONT- J STREET	1586	4/17/96	42.0	1.250	1.250	2.70	2.70	8.000	969.80	559.90	1529.70	559.90	1529.70	0.148	0.312		
14001.0	EUREKA WATERFRONT- H STREET	1587	4/17/96	42.0	1.250	1.250	2.70	2.70	16.140	1065.60	967.40	2033.00	967.40	2033.00	0.243	0.528		
10006.0	BODEGA BAY MASON'S MARINA	1682	12/6/96	47.0	1.250	1.250	2.92	2.92	12.394	459.44	1211.80	1671.24	1211.80	1671.24	0.165	0.312		
10007.0	BODEGA-SPUD POINT MARINA	1683	12/5/96	47.0	1.250	1.250	2.38	2.38	8.000	66.24	58.62	124.86	58.62	124.86	0.095	0.187		
10028.0	PORTO BODEGA MARINA	1684	12/6/96	47.0	1.250	1.250	5.20	5.20	16.298	482.81	1748.85	2231.66	1748.85	2231.66	0.214	0.396		
10040.0	UNCONTAMINATED SITE-33D	1685	12/6/96	47.0	1.250	1.250	2.70	2.70	8.000	40.52	31.61	72.13	31.61	72.13	0.099	0.198		

SEDIMENT CHEMISTRY SUMMATIONS AND QUOTIENTS

STANUM	STATION	IDORG	DATE	LBG	FRMEXCDS	PELEXCDS	ERLQ	TELO	ERLEXCDS	TELEXCDS
10004.0	ARCATA BAY-MCDANIEL SL.	304	11/30/92	8.0	1	2	0.712	0.891	5	5
10015.0	ARCATA BAY-MAD RIVER SL.	315	11/30/92	8.0	-9	-9	-9.000	-9.000	-9	-9
10016.0	ARCATA BAY-JOLLY GIANT SL	316	11/30/92	8.0	1	2	1.033	1.244	5	10
10017.0	ARCATA BAY-EUREKA SL.	317	11/29/92	8.0	1	2	0.774	0.976	3	6
10018.0	H. BAY-UNION OIL PLANT	318	11/29/92	8.0	-9	-9	-9.000	-9.000	-9	-9
10019.0	H. BAY-COAL/OIL/GAS PLANT	319	11/29/92	8.0	-9	-9	-9.000	-9.000	-9	-9
10020.0	H. BAY-OLD PAC. LUMBER SITE	320	11/29/92	8.0	1	2	0.718	0.937	3	5
10021.0	H. BAY-CHEVRON TIRMINAL.	321	11/29/92	8.0	1	2	0.719	0.926	3	5
14001.0	EUREKA WATERFRONT - II STREET	322	11/29/92	8.0	-9	-9	-9.000	-9.000	-9	-9
10023.0	II. BAY EUREKA STORM 23	323	11/29/92	8.0	1	2	0.873	1.178	5	6
10024.0	H. BAY FIELDS LANDING	324	11/29/92	8.0	-9	-9	-9.000	-9.000	-9	-9
10025.0	H. BAY HOOKTON SL.	325	11/29/92	8.0	1	2	0.682	0.844	3	5
10036.0	SOUTHPORT CHANNEL-33B	336	11/30/92	8.0	-9	-9	-9.000	-9.000	-9	-9
10037.0	H. BAY-MOUTH OF ELK RIVER	337	11/30/92	8.0	1	2	0.767	0.904	3	6
14004.0	DAVENPORT MARINE	338	11/30/92	8.0	1	2	1.217	1.507	8	9
10005.0	RUSSIAN RIVER MOUTH SMW 280.0	305	2/25/93	14.0	-9	-9	-9.000	-9.000	-9	-9
10006.0	BODEGA BAY-MASON'S MARINA	306	2/25/93	14.0	1	5	1.192	1.809	9	9
10007.0	BODEGA BAY-SPUD POINT MARINA	307	2/25/93	14.0	-9	-9	-9.000	-9.000	-9	-9
10028.0	BODEGA BAY PORTO BODEGA MARINA	328	2/25/93	14.0	1	2	1.101	1.347	6	10
10029.0	ESTERO AMERICANO-VALLEY FORD	329	2/25/93	14.0	-9	-9	-9.000	-9.000	-9	-9
10030.0	ESTERO DE SAN ANTONIO-VALLEY F	330	2/25/93	14.0	-9	-9	-9.000	-9.000	-9	-9
10031.0	MOUTH OF ESTERO AMERICANO	331	2/26/93	14.0	-9	-9	-9.000	-9.000	-9	-9
10032.0	MOUTH OF ESTERO DE SAN ANTONIO	332	2/26/93	14.0	-9	-9	-9.000	-9.000	-9	-9
10039.0	UNCONTAMINATED SITE-33C	339	2/25/93	14.0	-9	-9	-9.000	-9.000	-9	-9
10040.0	UNCONTAMINATED SITE-33D	340	2/26/93	14.0	-9	-9	-9.000	-9.000	-9	-9
10041.0	SALMON CREEK-34L	341	2/25/93	14.0	-9	-9	-9.000	-9.000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	900	6/22/93	20.0	1	2	0.681	0.844	3	4
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	901	6/22/93	20.0	-9	-9	-9.000	-9.000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	902	6/22/93	20.0	-9	-9	-9.000	-9.000	-9	-9
10040.0	UNCONTAMINATED SITE-33D	1321	5/16/94	32.0	-9	-9	-9.000	-9.000	-9	-9
10031.0	MOUTH OF ESTERO AMERICANO	1322	5/16/94	32.0	-9	-9	-9.000	-9.000	-9	-9
10006.0	BODEGA BAY-MASON'S MARINA REP1	1350	6/14/94	33.0	-9	-9	-9.000	-9.000	-9	-9
10006.0	BODEGA BAY-MASON'S MARINA REP2	1351	6/14/94	33.0	-9	-9	-9.000	-9.000	-9	-9
10006.0	BODEGA BAY-MASON'S MARINA REP3	1352	6/14/94	33.0	-9	-9	-9.000	-9.000	-9	-9
10007.0	BODEGA-SPUD POINT MARINA REP1	1353	6/13/94	33.0	-9	-9	-9.000	-9.000	-9	-9
10007.0	BODEGA-SPUD POINT MARINA REP2	1354	6/13/94	33.0	-9	-9	-9.000	-9.000	-9	-9
10007.0	BODEGA-SPUD POINT MARINA REP3	1355	6/13/94	33.0	-9	-9	-9.000	-9.000	-9	-9
10028.0	PORTO BODEGA MARINA REP1	1356	6/14/94	33.0	-9	-9	-9.000	-9.000	-9	-9

SEDIMENT CHEMISTRY SUMMATIONS AND QUOTIENTS

STANUM	STATION	IDORG	DATE	LEG	ERMEXCDS	PELEXCDS	ERLQ	TELO	ERLXCDS	TELEXCDS
10028.0	PORTO BODEGA MARINA REP2	1357	6/14/94	33.0	-9	-9	-9.000	-9.000	-9	-9
10028.0	PORTO BODEGA MARINA REP3	1358	6/14/94	33.0	-9	-9	-9.000	-9.000	-9	-9
10040.0	UNCONTAMINATED SITE-33D REP1	1359	6/13/94	33.0	-9	-9	-9.000	-9.000	-9	-9
10040.0	UNCONTAMINATED SITE-33D REP2	1360	6/13/94	33.0	-9	-9	-9.000	-9.000	-9	-9
10040.0	UNCONTAMINATED SITE-33D REP3	1361	6/13/94	33.0	-9	-9	-9.000	-9.000	-9	-9
14003.0	ARCATA BAY- JOLLY GIANT NORTH	1438	2/14/95	36.5	-9	-9	-9.000	-9.000	-9	-9
15002.0	II. BAY- WASHINGTON STREET	1440	2/15/95	36.5	-9	-9	-9.000	-9.000	-9	-9
10019.0	II. BAY- COAL/OIL/GAS PLANT	1442	2/15/95	36.5	-9	-9	-9.000	-9.000	-9	-9
10020.0	H. BAY- OLD PAC. LUMBER SITE	1444	2/15/95	36.5	-9	-9	-9.000	-9.000	-9	-9
14004.0	DAVENPORT MARINE	1446	2/15/95	36.5	-9	-9	-9.000	-9.000	-9	-9
10022.0	HUMBOLDT BAY EUREKA SM.22	1448	2/15/95	36.5	-9	-9	-9.000	-9.000	-9	-9
14001.0	EUREKA WATERFRONT H STREET	1450	2/15/95	36.5	-9	-9	-9.000	-9.000	-9	-9
14002.0	EUREKA WATERFRONT J STREET	1452	2/15/95	36.5	-9	-9	-9.000	-9.000	-9	-9
14004.0	DAVENPORT MARINE	1578	4/17/96	42.0	0	1	0.831	1.060	4	3
10023.0	II. BAY EUREKA STORM 23	1579	4/17/96	42.0	0	1	0.794	1.077	3	5
10016.0	ARCATA BAY-JOLLY GIANT SL.	1580	4/18/96	42.0	0	1	1.078	1.462	6	10
10017.0	ARCATA BAY-EUREKA SL.	1581	4/17/96	42.0	0	1	0.921	1.181	4	4
10021.0	H. BAY-CHEVRON TERMINAL	1582	4/17/96	42.0	0	2	0.763	1.134	2	4
10019.0	H. BAY-COAL/OIL/GAS PLANT	1583	4/17/96	42.0	0	2	0.899	1.768	3	6
10018.0	H. BAY-UNION OIL PLANT	1584	4/17/96	42.0	0	1	1.018	1.505	4	6
15001.0	H. BAY- HALPERSON SHORELINE	1585	4/17/96	42.0	0	1	0.834	1.218	4	4
14002.0	EUREKA WATERFRONT- J STREET	1586	4/17/96	42.0	0	1	0.921	1.200	4	3
14001.0	EUREKA WATERFRONT- H STREET	1587	4/17/96	42.0	0	2	1.355	1.839	6	8
10006.0	BODEGA BAY MASON'S MARINA	1682	12/6/96	47.0	1	1	0.997	1.421	6	9
10007.0	BODEGA-SPUD POINT MARINA	1683	12/5/96	47.0	0	1	0.585	0.690	3	2
10028.0	PORTO BODEGA MARINA	1684	12/6/96	47.0	1	3	1.197	1.907	7	11
10040.0	UNCONTAMINATED SITE-33D	1685	12/6/96	47.0	0	1	0.615	0.712	4	3

## SECTION VII

### Trace Metal Analysis of Tissue



TRACE METAL ANALYSIS OF TISSUE (wet weight-ppm-ug/g)

STANUM	STATION	IDORG	DATE	LEG	TISS_TYPE	NO_IN_COMP	TMMOIST	ALUMINUM	ANTIMONY	ARSENIC
14003.0	ARCATA BAY-JOLLY GIANT NORTH	1437.0	2/14/95	36.5	MUSSEL (TRANSPLANT)	45	80.70	142.00	-8.000	1.120
10018.0	H. BAY-UNION OIL PLANT	1439.0	2/15/95	36.5	MUSSEL (TRANSPLANT)	45	81.50	322.00	-8.000	1.700
10019.0	H. BAY-COAL/OIL/GAS PLANT	1441.0	2/15/95	36.5	MUSSEL (TRANSPLANT)	45	82.50	257.00	-8.000	1.450
10020.0	H. BAY-OLD PAC. LUMBER SITE	1443.0	2/15/95	36.5	MUSSEL (TRANSPLANT)	29	82.40	313.00	-8.000	1.550
10022.0	HUMBOLDT BAY EUREKA SM.22	1447.0	2/15/95	36.5	MUSSEL (TRANSPLANT)	39	82.50	250.00	-8.000	1.490
14001.0	EUREKA WATERFRONT- H STREET	1449.0	2/15/95	36.5	MUSSEL (TRANSPLANT)	45	81.20	244.00	-8.000	1.520
14002.0	EUREKA WATERFRONT- J STREET	1451.0	2/15/95	36.5	MUSSEL (TRANSPLANT)	45	83.80	211.00	-8.000	1.490
14002.0	EUREKA WATERFRONT- J STREET	1453.0	2/15/95	36.5	CRABS	38	-9.00	-9.00	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1454.0	2/15/95	36.5	OYSTERS	35	80.30	654.00	-8.000	1.870
14002.0	EUREKA WATERFRONT- J STREET	1455.0	2/15/95	36.5	MUSSEL (RESIDENT)	38	87.50	416.00	-8.000	1.430
14002.0	EUREKA WATERFRONT- J STREET	1598.0	4/17/96	42.0	CRAB	24	64.60	361.08	-9.000	0.715
14002.0	EUREKA WATERFRONT- J STREET	1599.0	4/17/96	42.0	WORM	12	86.70	422.94	-9.000	0.148
14002.0	EUREKA WATERFRONT- J STREET	1600.0	4/17/96	42.0	MUSSEL (RESIDENT)	27	90.60	263.20	-9.000	1.344
10016.0	ARCATA BAY-JOLLY GIANT SL.	1602.0	4/18/96	42.0	CRAB	31	67.00	508.20	-9.000	-8.000
15001.0	H. BAY- HALBERSON SHORELINE	1604.0	4/17/96	42.0	CRAB	32	69.50	713.70	-9.000	-8.000
15001.0	H. BAY- HALBERSON SHORELINE	1605.0	4/17/96	42.0	MUSSEL (RESIDENT)	44	88.40	612.48	-9.000	1.183
15001.0	H. BAY- HALBERSON SHORELINE	1608.0	4/17/96	42.0	WORM	4	88.50	147.20	-9.000	1.990
14001.0	EUREKA WATERFRONT- H STREET	1610.0	4/17/96	42.0	CRAB	25	66.40	456.96	-9.000	0.531
14001.0	EUREKA WATERFRONT- H STREET	1611.0	4/17/96	42.0	WORM	3	81.90	53.58	-9.000	10.118
14001.0	EUREKA WATERFRONT- H STREET	1612.0	4/17/96	42.0	MUSSEL (RESIDENT)	45	88.10	712.81	-9.000	2.820

TRACE METAL ANALYSIS OF TISSUE (wet weight-ppm-ug/g)

STATION	STATION	IDORG	TISS TYPE	CADMIUM	CHROMIUM	COPPER	IRON	LEAD	MANGANESE	MERCURY	NICKEL
14003.0	ARCATA BAY-JOLLY GIANT NORTH	1437.0	MUSSEL (TRANSPLANT)	0.7720	1.290	2.05	123.0	0.212	2.27	0.0270	1.310
10018.0	H. BAY-UNION OIL PLANT	1439.0	MUSSEL (TRANSPLANT)	0.7730	1.910	1.63	222.0	0.205	3.90	0.0440	2.200
10019.0	H. BAY-COAL/OIL/GAS PLANT	1441.0	MUSSEL (TRANSPLANT)	0.7540	1.060	1.64	180.0	0.181	2.95	0.0310	1.310
10020.0	H. BAY-OLD PAC. LUMBER SITE	1443.0	MUSSEL (TRANSPLANT)	0.8080	8.910	1.62	257.0	0.185	4.86	0.0360	8.310
10022.0	HUMBOLDT BAY EUREKA SM.22	1447.0	MUSSEL (TRANSPLANT)	0.9210	1.450	1.63	174.0	0.218	3.26	0.0340	1.500
14001.0	EUREKA WATERFRONT- H STREET	1449.0	MUSSEL (TRANSPLANT)	0.7730	0.770	1.64	171.0	0.212	3.25	0.0310	1.040
14002.0	EUREKA WATERFRONT- J STREET	1451.0	MUSSEL (TRANSPLANT)	0.7700	0.990	1.62	154.0	0.166	3.08	0.0290	1.220
14002.0	EUREKA WATERFRONT- J STREET	1453.0	CRABS	-9.0000	-9.0000	-9.00	-9.0	-9.0000	-9.00	-9.0000	-9.0000
14002.0	EUREKA WATERFRONT- J STREET	1454.0	OYSTERS	3.4080	10.320	2.03	589.0	0.199	10.68	0.0700	9.850
14002.0	EUREKA WATERFRONT- J STREET	1455.0	MUSSEL (RESIDENT)	0.7000	2.560	1.63	299.0	0.206	5.03	0.0820	3.030
14002.0	EUREKA WATERFRONT- J STREET	1598.0	CRAB	0.0630	1.820	24.11	227.6	0.471	24.00	0.0510	1.228
14002.0	EUREKA WATERFRONT- J STREET	1599.0	WORM	0.0629	2.806	1.93	343.1	0.644	7.53	0.0184	2.248
14002.0	EUREKA WATERFRONT- J STREET	1600.0	MUSSEL (RESIDENT)	0.7191	4.944	0.71	198.3	0.186	3.83	0.0271	3.600
10016.0	ARCATA BAY-JOLLY GIANT SL.	1602.0	CRAB	0.0283	2.373	21.58	425.7	0.429	51.15	0.0574	1.607
15001.0	H. BAY- HALBERSON SHORELINE	1604.0	CRAB	0.0348	2.431	17.14	652.7	2.965	48.19	0.0192	2.269
15001.0	H. BAY- HALBERSON SHORELINE	1605.0	MUSSEL (RESIDENT)	0.3329	1.984	1.54	421.1	0.354	8.10	0.0313	1.485
15001.0	H. BAY- HALBERSON SHORELINE	1608.0	WORM	0.0470	0.607	1.09	174.8	0.106	51.41	0.0026	0.637
14001.0	EUREKA WATERFRONT- H STREET	1610.0	CRAB	0.1656	2.560	38.30	457.0	11.726	46.37	0.0366	1.626
14001.0	EUREKA WATERFRONT- H STREET	1611.0	WORM	0.2968	2.317	13.43	167.4	1.864	3.40	0.0180	1.955
14001.0	EUREKA WATERFRONT- H STREET	1612.0	MUSSEL (RESIDENT)	0.2547	1.845	3.59	604.5	18.088	23.68	0.0224	1.523



TRACE METAL ANALYSIS OF TISSUE (wet weight-ppm-ug/g)

STANUM	STATION	IDORG	TISS_TYPE	SILVER	SELENIUM	TIN	ZINC	ASBATCH	SEBATCH	MBATCH	TMDATAQC
14003.0	ARCATA BAY-JOLLY GIANT NORTH	1437.0	MUSSEL (TRANSPLANT)	0.0096	0.308	0.0443	24.4700	-9.0	-9.0	-9.0	-9
10018.0	H. BAY-UNION OIL PLANT	1439.0	MUSSEL (TRANSPLANT)	0.0091	0.366	0.0259	31.2300	-9.0	-9.0	-9.0	-9
10019.0	H. BAY-COAL/OIL/GAS PLANT	1441.0	MUSSEL (TRANSPLANT)	0.0058	0.369	0.0316	28.0800	-9.0	-9.0	-9.0	-9
10020.0	H. BAY-OLD PAC. LUMBER SITE	1443.0	MUSSEL (TRANSPLANT)	0.0102	0.440	-8.0000	31.1700	-9.0	-9.0	-9.0	-9
10022.0	HUMBOLDT BAY EUREKA SM.22	1447.0	MUSSEL (TRANSPLANT)	0.0046	0.212	0.0123	30.1900	-9.0	-9.0	-9.0	-9
14001.0	EUREKA WATERFRONT- H STREET	1449.0	MUSSEL (TRANSPLANT)	0.0045	0.425	0.0188	31.3800	-9.0	-9.0	-9.0	-9
14002.0	EUREKA WATERFRONT- J STREET	1451.0	MUSSEL (TRANSPLANT)	0.0039	0.326	0.0519	30.0300	-9.0	-9.0	-9.0	-9
14002.0	EUREKA WATERFRONT- J STREET	1453.0	CRABS	-9.0000	-9.000	-9.0000	-9.0000	-9.0	-9.0	-9.0	-9
14002.0	EUREKA WATERFRONT- J STREET	1454.0	OYSTERS	0.0280	0.517	0.0315	27.7300	-9.0	-9.0	-9.0	-9
14002.0	EUREKA WATERFRONT- J STREET	1455.0	MUSSEL (RESIDENT)	0.0060	0.426	0.0577	38.0000	-9.0	-9.0	-9.0	-9
14002.0	EUREKA WATERFRONT- J STREET	1598.0	CRAB	0.0892	-8.000	-8.0000	31.1900	17.1	17.1	17.1	-4
14002.0	EUREKA WATERFRONT- J STREET	1599.0	WORM	0.0188	0.120	0.0375	22.7400	17.1	17.1	17.1	-4
14002.0	EUREKA WATERFRONT- J STREET	1600.0	MUSSEL (RESIDENT)	0.0040	0.219	0.0567	35.1600	17.1	17.1	17.1	-4
10016.0	ARCATA BAY-JOLLY GIANT SL.	1602.0	CRAB	0.1921	-8.000	-8.0000	31.5800	17.1	17.1	17.1	-4
15001.0	H. BAY- HALBERSON SHORELINE	1604.0	CRAB	0.0726	-8.000	-8.0000	30.1600	17.1	17.1	17.1	-4
15001.0	H. BAY- HALBERSON SHORELINE	1605.0	MUSSEL (RESIDENT)	0.0172	0.193	-8.0000	37.2400	17.1	17.1	17.1	-4
15001.0	H. BAY- HALBERSON SHORELINE	1608.0	WORM	0.0228	0.106	0.0304	13.1100	17.1	17.1	17.1	-4
14001.0	EUREKA WATERFRONT- H STREET	1610.0	CRAB	0.0480	-8.000	-8.0000	57.1200	17.1	17.1	17.1	-4
14001.0	EUREKA WATERFRONT- H STREET	1611.0	WORM	0.1654	0.050	0.0362	58.1000	17.1	17.1	17.1	-4
14001.0	EUREKA WATERFRONT- H STREET	1612.0	MUSSEL (RESIDENT)	0.0268	0.319	0.0255	77.4700	17.1	17.1	17.1	-4



## **SECTION VIII**

### **Pesticide Analysis of Tissue**



PESTICIDE ANALYSIS OF TISSUE (wet weight-ppb-ng/g)

STANUM STATION	IDORG	DATE	LEG	TISS_TYPE	NO IN_COMP	SOWEIGHT	SOMOIST	SOLIPID	ALDRIN	CCHLOR
14003.0	ARCATA BAY-JOLLY GIANT NORTH	2/14/95	36.5	MUSSEL (TRANSPLANT)	45	5.16	83.69	0.47	-9.000	-9.000
10018.0	H. BAY-UNION OIL PLANT	2/15/95	36.5	MUSSEL (TRANSPLANT)	45	5.02	84.01	0.81	-9.000	-9.000
10019.0	H. BAY-COAL/OIL/GAS PLANT	2/15/95	36.5	MUSSEL (TRANSPLANT)	45	5.10	83.27	0.83	-9.000	-9.000
10020.0	H. BAY-OIL/D PAC. LUMBER SITE	2/15/95	36.5	MUSSEL (TRANSPLANT)	29	5.26	83.67	0.73	-9.000	-9.000
10022.0	HUMBOLDT BAY EUREKA SM.22	2/15/95	36.5	MUSSEL (TRANSPLANT)	39	5.13	83.33	0.86	-9.000	-9.000
14001.0	EUREKA WATERFRONT- H STREET	2/15/95	36.5	MUSSEL (TRANSPLANT)	45	5.15	82.16	1.02	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	2/15/95	36.5	MUSSEL (TRANSPLANT)	45	5.57	83.96	0.87	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	2/15/95	36.5	CRABS	38	5.21	79.27	4.81	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	2/15/95	36.5	OYSTERS	35	5.15	81.29	1.61	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	2/15/95	36.5	MUSSEL (RESIDENT)	38	5.04	91.47	0.30	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	4/17/96	42.0	CRAB	24	6.10	67.14	1.22	-8.000	-8.000
14002.0	EUREKA WATERFRONT- J STREET	4/17/96	42.0	WORM	12	5.34	86.33	0.65	-8.000	0.137
14002.0	EUREKA WATERFRONT- J STREET	4/17/96	42.0	MUSSEL (RESIDENT)	27	5.22	89.37	0.73	-8.000	-8.000
10016.0	ARCATA BAY-JOLLY GIANT SL.	4/18/96	42.0	CRAB	31	5.02	70.03	0.64	-8.000	-8.000
15001.0	H. BAY- HALBERSON SHORELINE	4/17/96	42.0	CRAB	32	6.12	71.22	0.53	-8.000	-8.000
15001.0	H. BAY- HALBERSON SHORELINE	4/17/96	42.0	MUSSEL (RESIDENT)	44	4.41	84.67	1.03	-8.000	-8.000
15001.0	H. BAY- HALBERSON SHORELINE	4/17/96	42.0	WORM	4	5.84	88.63	1.34	-8.000	0.217
14001.0	EUREKA WATERFRONT- H STREET	4/17/96	42.0	CRAB	25	5.39	66.67	0.99	-8.000	-8.000
14001.0	EUREKA WATERFRONT- H STREET	4/17/96	42.0	WORM	3	5.50	82.67	3.23	-8.000	0.539
14001.0	EUREKA WATERFRONT- H STREET	4/17/96	42.0	MUSSEL (RESIDENT)	45	5.32	87.18	0.86	-8.000	-8.000

PESTICIDE ANALYSIS OF TISSUE (wet weight-ppb-ng/g)

STANUM	STATION	IDORG	TISS_TYPE	TCHLOR	ACDEN	GCDEN	TTL_CHLR	CLPYR	DACTH	OPDD	PPDD	OPDDE
14003.0	ARCATA BAY-JOLLY GIANT NORTH	1437.0	MUSSEL (TRANSPLANT)	-9.000	-9.000	-9.000	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00
10018.0	H. BAY-UNION OIL PLANT	1439.0	MUSSEL (TRANSPLANT)	-9.000	-9.000	-9.000	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00
10019.0	H. BAY-COAL/OIL/GAS PLANT	1441.0	MUSSEL (TRANSPLANT)	-9.000	-9.000	-9.000	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00
10020.0	H. BAY-OLD PAC LUMBER SITE	1443.0	MUSSEL (TRANSPLANT)	-9.000	-9.000	-9.000	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00
10022.0	HUMBOLDT BAY EUREKA SM.22	1447.0	MUSSEL (TRANSPLANT)	-9.000	-9.000	-9.000	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00
14001.0	EUREKA WATERFRONT- H STREET	1449.0	MUSSEL (TRANSPLANT)	-9.000	-9.000	-9.000	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00
14002.0	EUREKA WATERFRONT- J STREET	1451.0	MUSSEL (TRANSPLANT)	-9.000	-9.000	-9.000	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00
14002.0	EUREKA WATERFRONT- J STREET	1453.0	CRABS	-9.000	-9.000	-9.000	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00
14002.0	EUREKA WATERFRONT- J STREET	1454.0	OYSTERS	-9.000	-9.000	-9.000	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00
14002.0	EUREKA WATERFRONT- J STREET	1455.0	MUSSEL (RESIDENT)	-9.000	-9.000	-9.000	-9.000	-9.00	-9.000	-9.00	-9.000	-9.00
14002.0	EUREKA WATERFRONT- J STREET	1598.0	CRAB	-8.000	-8.000	-8.000	2.265	-8.00	-8.000	-8.00	-8.000	-8.00
14002.0	EUREKA WATERFRONT- J STREET	1599.0	WORM	-8.000	-8.000	-8.000	1.636	0.80	-8.000	-8.00	-8.000	-8.00
14002.0	EUREKA WATERFRONT- J STREET	1600.0	MUSSEL (RESIDENT)	-8.000	-8.000	-8.000	0.500	-8.00	-8.000	-8.00	-8.000	-8.00
10016.0	ARCATA BAY-JOLLY GIANT SL.	1602.0	CRAB	-8.000	-8.000	-8.000	1.704	-8.00	-8.000	-8.00	-8.000	-8.00
15001.0	H. BAY- HALBERSON SHORELINE	1604.0	CRAB	-8.000	-8.000	-8.000	1.995	-8.00	-8.000	-8.00	-8.000	-8.00
15001.0	H. BAY- HALBERSON SHORELINE	1605.0	MUSSEL (RESIDENT)	-8.000	-8.000	-8.000	0.500	-8.00	-8.000	-8.00	-8.000	-8.00
15001.0	H. BAY- HALBERSON SHORELINE	1608.0	WORM	0.148	-8.000	-8.000	0.895	-8.00	-8.000	-8.00	-8.000	-8.00
14001.0	EUREKA WATERFRONT- H STREET	1610.0	CRAB	-8.000	-8.000	-8.000	1.011	-8.00	-8.000	-8.00	-8.000	-8.00
14001.0	EUREKA WATERFRONT- H STREET	1611.0	WORM	-8.000	-8.000	-8.000	2.578	-8.00	-8.000	-8.00	1.300	-8.00
14001.0	EUREKA WATERFRONT- H STREET	1612.0	MUSSEL (RESIDENT)	-8.000	-8.000	-8.000	0.500	-8.00	-8.000	-8.00	-8.000	-8.00

PESTICIDE ANALYSIS OF TISSUE (wet weight-ppb-ng/g)

STANUM	STATION	IDORG	TISS_TYPE	PPIDE	PPDMS	PPDDMU	OPDDT	PPDDT	TTL_DDT	DICLR	DIEDLRN
14003.0	ARCATA BAY-JOLLY GIANT NORTH	1437.0	MUSSEL (TRANSPLANT)	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.000
10018.0	H. BAY-UNION OIL PLANT	1439.0	MUSSEL (TRANSPLANT)	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.000
10019.0	H. BAY-COAL/OIL/GAS PLANT	1441.0	MUSSEL (TRANSPLANT)	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.000
10020.0	H. BAY-OLD PAC. LUMBER SITE	1443.0	MUSSEL (TRANSPLANT)	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.000
10022.0	HUMBOLDT BAY EUREKA SM.22	1447.0	MUSSEL (TRANSPLANT)	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.000
14001.0	EUREKA WATERFRONT- H STREET	1449.0	MUSSEL (TRANSPLANT)	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1451.0	MUSSEL (TRANSPLANT)	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1453.0	CRABS	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1454.0	OYSTERS	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1455.0	MUSSEL (RESIDENT)	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1598.0	CRAB	2.46	-8.00	-8.00	-8.00	-8.00	4.36	-8.00	0.554
14002.0	EUREKA WATERFRONT- J STREET	1599.0	WORM	-8.00	-8.00	-8.00	-8.00	-8.00	2.00	-8.00	0.555
14002.0	EUREKA WATERFRONT- J STREET	1600.0	MUSSEL (RESIDENT)	0.47	-8.00	-8.00	-8.00	-8.00	2.37	-8.00	-8.000
10016.0	ARCATA BAY-JOLLY GIANT SL.	1602.0	CRAB	0.41	-8.00	-8.00	-8.00	-8.00	2.31	-8.00	0.824
15001.0	H. BAY- HALBERSON SHORELINE	1604.0	CRAB	-8.00	-8.00	-8.00	-8.00	-8.00	2.00	-8.00	-8.000
15001.0	H. BAY- HALBERSON SHORELINE	1605.0	MUSSEL (RESIDENT)	0.47	-8.00	-8.00	-8.00	-8.00	2.37	-8.00	-8.000
15001.0	H. BAY- HALBERSON SHORELINE	1608.0	WORM	0.18	-8.00	-8.00	-8.00	-8.00	2.08	-8.00	0.297
14001.0	EUREKA WATERFRONT- H STREET	1610.0	CRAB	3.58	-8.00	-8.00	-8.00	-8.00	5.48	-8.00	0.527
14001.0	EUREKA WATERFRONT- H STREET	1611.0	WORM	10.94	-8.00	-8.00	-8.00	-8.00	13.84	-8.00	0.405
14001.0	EUREKA WATERFRONT- H STREET	1612.0	MUSSEL (RESIDENT)	0.42	-8.00	-8.00	-8.00	-8.00	2.32	-8.00	-8.000

PESTICIDE ANALYSIS OF TISSUE (wet weight-ppb-ng/g)

STANUM	STATION	IDORG	TISS_TYPE	ENDO_I	ENDO_II	ESO4	ENDRIN	HCIA	HCIB	HCIG	HCID	HEPTACHLOR	HE
14003.0	ARCATA BAY-JOLLY GIANT NORTH	1437.0	MUSSEL (TRANSPLANT)	-9.000	-9.00	-9.00	-9.00	-9.000	-9.00	-9.000	-9.000	-9.000	-9.000
10018.0	H. BAY-UNION OIL PLANT	1439.0	MUSSEL (TRANSPLANT)	-9.000	-9.00	-9.00	-9.00	-9.000	-9.00	-9.000	-9.000	-9.000	-9.000
10019.0	H. BAY-COAL/OIL/GAS PLANT	1441.0	MUSSEL (TRANSPLANT)	-9.000	-9.00	-9.00	-9.00	-9.000	-9.00	-9.000	-9.000	-9.000	-9.000
10020.0	H. BAY-OLD PAC. LUMBER SITE	1443.0	MUSSEL (TRANSPLANT)	-9.000	-9.00	-9.00	-9.00	-9.000	-9.00	-9.000	-9.000	-9.000	-9.000
10022.0	HUMBOLDT BAY EUREKA SM.22	1447.0	MUSSEL (TRANSPLANT)	-9.000	-9.00	-9.00	-9.00	-9.000	-9.00	-9.000	-9.000	-9.000	-9.000
14001.0	EUREKA WATERFRONT- H STREET	1449.0	MUSSEL (TRANSPLANT)	-9.000	-9.00	-9.00	-9.00	-9.000	-9.00	-9.000	-9.000	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1451.0	MUSSEL (TRANSPLANT)	-9.000	-9.00	-9.00	-9.00	-9.000	-9.00	-9.000	-9.000	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1453.0	MUSSEL (TRANSPLANT)	-9.000	-9.00	-9.00	-9.00	-9.000	-9.00	-9.000	-9.000	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1454.0	CRABS	-9.000	-9.00	-9.00	-9.00	-9.000	-9.00	-9.000	-9.000	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1455.0	OYSTERS	-9.000	-9.00	-9.00	-9.00	-9.000	-9.00	-9.000	-9.000	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1455.0	MUSSEL (RESIDENT)	-9.000	-9.00	-9.00	-9.00	-9.000	-9.00	-9.000	-9.000	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1598.0	CRAB	-8.000	-8.00	-8.00	-8.00	-8.000	-8.00	-8.000	-8.000	-8.000	-8.000
14002.0	EUREKA WATERFRONT- J STREET	1599.0	WORM	-8.000	-8.00	-8.00	-8.00	-8.000	-8.00	-8.000	-8.000	-8.000	-8.000
14002.0	EUREKA WATERFRONT- J STREET	1600.0	WORM	-8.000	-8.00	-8.00	-8.00	-8.000	-8.00	-8.000	-8.000	-8.000	-8.000
14002.0	EUREKA WATERFRONT- J STREET	1600.0	MUSSEL (RESIDENT)	-8.000	-8.00	-8.00	-8.00	-8.000	-8.00	-8.000	-8.000	-8.000	-8.000
10016.0	ARCATA BAY-JOLLY GIANT SL.	1602.0	CRAB	-8.000	-8.00	-8.00	-8.00	-8.000	-8.00	-8.000	-8.000	-8.000	-8.000
15001.0	H. BAY- HALBERSON SHORELINE	1604.0	CRAB	-8.000	-8.00	-8.00	-8.00	-8.000	-8.00	-8.000	-8.000	-8.000	-8.000
15001.0	H. BAY- HALBERSON SHORELINE	1605.0	MUSSEL (RESIDENT)	-8.000	-8.00	-8.00	-8.00	-8.000	-8.00	-8.000	-8.000	-8.000	-8.000
15001.0	H. BAY- HALBERSON SHORELINE	1608.0	WORM	-8.000	-8.00	-8.00	-8.00	-8.000	-8.00	-8.000	-8.000	-8.000	-8.000
14001.0	EUREKA WATERFRONT- H STREET	1610.0	CRAB	-8.000	-8.00	-8.00	-8.00	-8.000	-8.00	-8.000	-8.000	-8.000	-8.000
14001.0	EUREKA WATERFRONT- H STREET	1611.0	WORM	-8.000	-8.00	-8.00	-8.00	-8.000	-8.00	-8.000	-8.000	-8.000	-8.000
14001.0	EUREKA WATERFRONT- H STREET	1612.0	MUSSEL (RESIDENT)	-8.000	-8.00	-8.00	-8.00	-8.000	-8.00	-8.000	-8.000	-8.000	-8.000



PESTICIDE ANALYSIS OF TISSUE (wet weight-ppb-ng/g)

STATION	STATION	IDORG	TISS_TYPE	HCB	METHOXY	MIREX	CNONA	TNONA	OXAD	TOXAPH	PIERATCH
14003.0	ARCATA BAY-JOLLY GIANT NORTH	1437.0	MUSSEL (TRANSPLANT)	-9.000	-9.00	-9.000	-9.000	-9.000	-9.00	-9.000	-9.00
10018.0	H. BAY-UNION OIL PLANT	1439.0	MUSSEL (TRANSPLANT)	-9.000	-9.00	-9.000	-9.000	-9.000	-9.00	-9.000	-9.00
10019.0	H. BAY-COAL/OIL/GAS PLANT	1441.0	MUSSEL (TRANSPLANT)	-9.000	-9.00	-9.000	-9.000	-9.000	-9.00	-9.000	-9.00
10020.0	H. BAY-OLD PAC. LUMBER SITE	1443.0	MUSSEL (TRANSPLANT)	-9.000	-9.00	-9.000	-9.000	-9.000	-9.00	-9.000	-9.00
10022.0	HUMBOLDT BAY EUREKA SM.22	1447.0	MUSSEL (TRANSPLANT)	-9.000	-9.00	-9.000	-9.000	-9.000	-9.00	-9.000	-9.00
14001.0	EUREKA WATERFRONT- H STREET	1449.0	MUSSEL (TRANSPLANT)	-9.000	-9.00	-9.000	-9.000	-9.000	-9.00	-9.000	-9.00
14002.0	EUREKA WATERFRONT- J STREET	1451.0	MUSSEL (TRANSPLANT)	-9.000	-9.00	-9.000	-9.000	-9.000	-9.00	-9.000	-9.00
14002.0	EUREKA WATERFRONT- J STREET	1453.0	CRABS	-9.000	-9.00	-9.000	-9.000	-9.000	-9.00	-9.000	-9.00
14002.0	EUREKA WATERFRONT- J STREET	1454.0	OYSTERS	-9.000	-9.00	-9.000	-9.000	-9.000	-9.00	-9.000	-9.00
14002.0	EUREKA WATERFRONT- J STREET	1455.0	MUSSEL (RESIDENT)	-9.000	-9.00	-9.000	-9.000	-9.000	-9.00	-9.000	-9.00
14002.0	EUREKA WATERFRONT- J STREET	1598.0	CRAB	0.814	-8.00	-8.000	-8.000	-8.000	-9.00	1.865	-8.00
14002.0	EUREKA WATERFRONT- J STREET	1599.0	WORM	-8.000	-8.00	-8.000	0.536	0.763	-9.00	-8.000	-8.00
14002.0	EUREKA WATERFRONT- J STREET	1600.0	MUSSEL (RESIDENT)	-8.000	-8.00	-8.000	-8.000	-8.000	-9.00	-8.000	-8.00
10016.0	ARCATA BAY-JOLLY GIANT SL.	1602.0	CRAB	-8.000	-8.00	-8.000	-8.000	0.784	-9.00	0.620	-8.00
15001.0	H. BAY- HALBERSON SHORELINE	1604.0	CRAB	-8.000	-8.00	-8.000	-8.000	0.934	-9.00	0.761	-8.00
15001.0	H. BAY- HALBERSON SHORELINE	1605.0	MUSSEL (RESIDENT)	-8.000	-8.00	-8.000	-8.000	-8.000	-9.00	-8.000	-8.00
15001.0	H. BAY- HALBERSON SHORELINE	1608.0	WORM	-8.000	-8.00	-8.000	-8.000	0.330	-9.00	-8.000	-8.00
14001.0	EUREKA WATERFRONT- H STREET	1610.0	CRAB	-8.000	-8.00	-8.000	-8.000	-8.000	-9.00	0.611	-8.00
14001.0	EUREKA WATERFRONT- H STREET	1611.0	WORM	-8.000	-8.00	-8.000	0.197	1.372	-9.00	-8.000	-8.00
14001.0	EUREKA WATERFRONT- H STREET	1612.0	MUSSEL (RESIDENT)	-8.000	-8.00	-8.000	-8.000	-8.000	-9.00	-8.000	-8.00



## SECTION IX

### PCB and Aroclor Analysis of Tissue



PCB CONGENER AND AROCLOR ANALYSIS OF TISSUE (wet weight-ppb-ng/g.)

STANUM	STATION	IDORG	DATE	LEG	TISS_TYPE	NO IN COMP	PCB5	PCB8	PCB15	PCB18	PCB27	PCB28	PCB29
14003.0	ARCATA BAY-JOLLY GIANT NORTH	1437.0	2/14/95	36.5	MUSSEL (TRANSPLANT)	45	-8.000	1.080	5.120	4.190	0.274	3.050	-8.000
10018.0	H. BAY-UNION OIL PLANT	1439.0	2/15/95	36.5	MUSSEL (TRANSPLANT)	45	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10019.0	H. BAY-COAL/OIL/GAS PLANT	1441.0	2/15/95	36.5	MUSSEL (TRANSPLANT)	45	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10020.0	H. BAY-OLD PAC. LUMBER SITE	1443.0	2/15/95	36.5	MUSSEL (TRANSPLANT)	29	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10022.0	HUMBOLDT BAY EUREKA SM.22	1447.0	2/15/95	36.5	MUSSEL (TRANSPLANT)	39	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14001.0	EUREKA WATERFRONT- H STREET	1449.0	2/15/95	36.5	MUSSEL (TRANSPLANT)	45	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1451.0	2/15/95	36.5	MUSSEL (TRANSPLANT)	45	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1453.0	2/15/95	36.5	CRABS	38	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1454.0	2/15/95	36.5	OYSTERS	35	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1455.0	2/15/95	36.5	MUSSEL (RESIDENT)	38	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1598.0	4/17/96	42.0	CRAB	24	-8.000	-8.000	-9.000	-8.000	-8.000	-8.000	-8.000
14002.0	EUREKA WATERFRONT- J STREET	1599.0	4/17/96	42.0	WORM	12	-8.000	-8.000	-9.000	-8.000	-8.000	-8.000	-8.000
14002.0	EUREKA WATERFRONT- J STREET	1600.0	4/17/96	42.0	MUSSEL (RESIDENT)	27	-8.000	-8.000	-9.000	-8.000	-8.000	-8.000	-8.000
10016.0	ARCATA BAY-JOLLY GIANT SL.	1602.0	4/18/96	42.0	CRAB	31	-8.000	-8.000	-9.000	-8.000	-8.000	-8.000	-8.000
15001.0	H. BAY- HALBERSON SHORELINE	1604.0	4/17/96	42.0	CRAB	32	-8.000	-8.000	-9.000	-8.000	-8.000	-8.000	-8.000
15001.0	H. BAY- HALBERSON SHORELINE	1605.0	4/17/96	42.0	MUSSEL (RESIDENT)	44	-8.000	-8.000	-9.000	-8.000	-8.000	-8.000	-8.000
15001.0	H. BAY- HALBERSON SHORELINE	1608.0	4/17/96	42.0	WORM	4	-8.000	-8.000	-9.000	-8.000	-8.000	-8.000	-8.000
14001.0	EUREKA WATERFRONT- H STREET	1610.0	4/17/96	42.0	CRAB	25	-8.000	-8.000	-9.000	-8.000	-8.000	-8.000	-8.000
14001.0	EUREKA WATERFRONT- H STREET	1611.0	4/17/96	42.0	WORM	3	-8.000	-8.000	-9.000	-8.000	-8.000	-8.000	-8.000
14001.0	EUREKA WATERFRONT- H STREET	1612.0	4/17/96	42.0	MUSSEL (RESIDENT)	45	-8.000	-8.000	-9.000	-8.000	-8.000	-8.000	-8.000

PCB CONGENER AND AROCLOR ANALYSIS OF TISSUE (wet weight-ppb-ng/g)

STANUM	STATION	IDORG	TISS_TYPE	PCB31	PCB44	PCB49	PCB52	PCB66	PCB70	PCB74	PCB87	PCB95	PCB97	PCB99
14003.0	ARCATA BAY-JOLLY GIANT NORTH	1437.0	MUSSEL (TRANSPLANT)	4.010	2.140	1.460	2.840	2.320	2.300	1.190	0.457	0.798	0.391	0.483
10018.0	H. BAY-UNION OIL PLANT	1439.0	MUSSEL (TRANSPLANT)	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10019.0	H. BAY-COAL/OIL/GAS PLANT	1441.0	MUSSEL (TRANSPLANT)	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10020.0	H. BAY-OLD PAC. LUMBER SITE	1443.0	MUSSEL (TRANSPLANT)	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10022.0	HUMBOLDT BAY EUREKA SM.22	1447.0	MUSSEL (TRANSPLANT)	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14001.0	EUREKA WATERFRONT- H STREET	1449.0	MUSSEL (TRANSPLANT)	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1451.0	MUSSEL (TRANSPLANT)	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1453.0	CRABS	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1454.0	OYSTERS	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1455.0	MUSSEL (RESIDENT)	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1598.0	CRAB	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	0.365
14002.0	EUREKA WATERFRONT- J STREET	1599.0	WORM	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	0.340	-8.000	-8.000
14002.0	EUREKA WATERFRONT- J STREET	1600.0	MUSSEL (RESIDENT)	-8.000	-8.000	-8.000	0.219	-8.000	0.129	-8.000	0.193	0.245	0.115	0.185
10016.0	ARCATA BAY-JOLLY GIANT SL.	1602.0	CRAB	-8.000	-8.000	-8.000	0.425	-8.000	0.523	-8.000	-8.000	-8.000	-8.000	-8.000
15001.0	H. BAY- HALBERSON SHORELINE	1604.0	CRAB	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000
15001.0	H. BAY- HALBERSON SHORELINE	1605.0	MUSSEL (RESIDENT)	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000
15001.0	H. BAY- HALBERSON SHORELINE	1608.0	WORM	0.154	-8.000	-8.000	-8.000	-8.000	0.124	-8.000	-8.000	0.325	-8.000	0.114
14001.0	EUREKA WATERFRONT- H STREET	1610.0	CRAB	-8.000	-8.000	-8.000	0.644	2.188	2.863	4.981	0.585	0.906	0.433	16.170
14001.0	EUREKA WATERFRONT- H STREET	1611.0	WORM	0.350	0.460	0.457	1.836	0.508	0.679	0.206	0.607	2.673	1.015	2.079
14001.0	EUREKA WATERFRONT- H STREET	1612.0	MUSSEL (RESIDENT)	-8.000	0.587	0.187	1.937	0.358	0.763	0.201	1.672	5.422	1.452	2.328

PCB CONGENER AND AROCLOR ANALYSIS OF TISSUE (wet weight-ppb-ng/g)

STANUM	STATION	IDORG	TISS_TYPE	PCB101	PCB105	PCB110	PCB118	PCB128	PCB132	PCB137	PCB138	PCB149
14003.0	ARCATA BAY-JOLLY GIANT NORTH	1437.0	MUSSEL (TRANSPLANT)	1.020	0.236	0.908	0.648	-8.000	-8.000	-8.000	0.541	0.458
10018.0	H. BAY-UNION OIL PLANT	1439.0	MUSSEL (TRANSPLANT)	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10019.0	H. BAY-COAL/OIL/GAS PLANT	1441.0	MUSSEL (TRANSPLANT)	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10020.0	H. BAY-OLID PAC LUMBER SITE	1443.0	MUSSEL (TRANSPLANT)	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10022.0	HUMBOLDT BAY EUREKA SM.22	1447.0	MUSSEL (TRANSPLANT)	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14001.0	EUREKA WATERFRONT- H STREET	1449.0	MUSSEL (TRANSPLANT)	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1451.0	MUSSEL (TRANSPLANT)	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1453.0	CRABS	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1454.0	OYSTERS	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1455.0	MUSSEL (RESIDENT)	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1598.0	CRAB	-8.000	0.800	-8.000	2.422	-8.000	-8.000	-8.000	1.336	-8.000
14002.0	EUREKA WATERFRONT- J STREET	1599.0	WORM	0.286	0.190	0.210	0.149	0.207	-8.000	-8.000	1.056	0.374
14002.0	EUREKA WATERFRONT- J STREET	1600.0	MUSSEL (RESIDENT)	0.523	0.133	0.488	0.496	0.111	0.164	-8.000	0.811	0.353
10016.0	ARCATA BAY-JOLLY GIANT SL.	1602.0	CRAB	0.352	-8.000	-8.000	0.818	-8.000	-8.000	-8.000	0.716	-8.000
15001.0	H. BAY- HALBERSON SHORELINE	1604.0	CRAB	0.471	-8.000	-8.000	0.600	-8.000	-8.000	-8.000	0.582	-8.000
15001.0	H. BAY- HALBERSON SHORELINE	1605.0	MUSSEL (RESIDENT)	-8.000	-8.000	0.157	-8.000	-8.000	-8.000	-8.000	0.329	0.182
15001.0	H. BAY- HALBERSON SHORELINE	1608.0	WORM	0.243	-8.000	0.138	0.119	-8.000	-8.000	-8.000	0.530	0.262
14001.0	EUREKA WATERFRONT- H STREET	1610.0	CRAB	2.182	34.334	1.402	95.266	5.496	0.578	5.782	61.614	0.628
14001.0	EUREKA WATERFRONT- H STREET	1611.0	WORM	4.366	1.009	2.703	3.236	1.079	0.520	0.225	6.778	3.648
14001.0	EUREKA WATERFRONT- H STREET	1612.0	MUSSEL (RESIDENT)	6.583	1.414	4.870	4.647	0.990	0.897	0.261	7.170	4.039

PCB CONGENER AND AROCLOR ANALYSIS OF TISSUE (wet weight-ppb-ng/g)

STANUM	STATION	IDORG	TISS_TYPE	PCB151	PCB153	PCB156	PCB157	PCB158	PCB170	PCB174	PCB177	PCB180
14003.0	ARCATA BAY-JOLLY GIANT NORTH	1437.0	MUSSEL (TRANSPLANT)	-8.000	0.520	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000
10018.0	H. BAY-UNION OIL PLANT	1439.0	MUSSEL (TRANSPLANT)	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10019.0	H. BAY-COAL/OIL/GAS PLANT	1441.0	MUSSEL (TRANSPLANT)	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10020.0	H. BAY-OLD PAC. LUMBER SITE	1443.0	MUSSEL (TRANSPLANT)	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10022.0	HUMBOLDT BAY EUREKA SM.22	1447.0	MUSSEL (TRANSPLANT)	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14001.0	EUREKA WATERFRONT- H STREET	1449.0	MUSSEL (TRANSPLANT)	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1451.0	MUSSEL (TRANSPLANT)	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1453.0	CRABS	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1454.0	OYSTERS	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1455.0	MUSSEL (RESIDENT)	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1598.0	CRAB	-8.000	3.418	0.403	-8.000	-8.000	-8.000	-8.000	-8.000	1.645
14002.0	EUREKA WATERFRONT- J STREET	1599.0	WORM	-8.000	1.478	-8.000	-8.000	0.156	-8.000	-8.000	-8.000	0.655
14002.0	EUREKA WATERFRONT- J STREET	1600.0	MUSSEL (RESIDENT)	0.126	0.730	-8.000	-8.000	0.124	-8.000	-8.000	-8.000	-8.000
10016.0	ARCATA BAY-JOLLY GIANT SL.	1602.0	CRAB	-8.000	0.932	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	0.741
15001.0	H. BAY- HALBERSON SHORELINE	1604.0	CRAB	-8.000	0.609	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000
15001.0	H. BAY- HALBERSON SHORELINE	1605.0	MUSSEL (RESIDENT)	-8.000	0.346	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000
15001.0	H. BAY- HALBERSON SHORELINE	1608.0	WORM	-8.000	0.539	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	0.227
14001.0	EUREKA WATERFRONT- H STREET	1610.0	CRAB	-8.000	94.454	13.630	3.280	7.914	9.288	-8.000	2.125	28.150
14001.0	EUREKA WATERFRONT- H STREET	1611.0	WORM	0.978	7.632	0.484	0.483	0.654	1.124	0.616	1.057	3.983
14001.0	EUREKA WATERFRONT- H STREET	1612.0	MUSSEL (RESIDENT)	1.039	6.528	0.487	0.306	0.939	0.252	-8.000	0.445	1.189



PCB CONGENER AND AROCLOR ANALYSIS OF TISSUE (wet weight-ppb-ng/g)

STANUM	STATION	IDORG	TISS_TYPE	PCB183	PCB187	PCB189	PCB194	PCB195	PCB201	PCB203	PCB206	PCB209
14003.0	ARCATA BAY-JOLLY GIANT NORTH	1437.0	MUSSEL (TRANSPLANT)	-8.000	0.199	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000
10018.0	H. BAY-UNION OIL PLANT	1439.0	MUSSEL (TRANSPLANT)	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
10019.0	H. BAY-COAL/OIL/GAS PLANT	1441.0	MUSSEL (TRANSPLANT)	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
16020.0	H. BAY-OLD PAC. LUMBER SITE	1443.0	MUSSEL (TRANSPLANT)	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
16022.0	HUMBOLDT BAY EUREKA SM.22	1447.0	MUSSEL (TRANSPLANT)	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14001.0	EUREKA WATERFRONT- H STREET	1449.0	MUSSEL (TRANSPLANT)	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1451.0	MUSSEL (TRANSPLANT)	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1453.0	CRABS	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1454.0	OYSTERS	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1455.0	MUSSEL (RESIDENT)	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1598.0	CRAB	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000
14002.0	EUREKA WATERFRONT- J STREET	1599.0	WORM	0.237	0.343	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000
14002.0	EUREKA WATERFRONT- J STREET	1600.0	MUSSEL (RESIDENT)	-8.000	0.205	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000
10016.0	ARCATA BAY-JOLLY GIANT SL.	1602.0	CRAB	-8.000	0.376	-8.000	-8.000	-8.000	0.311	-8.000	-8.000	-8.000
15001.0	H. BAY- HALBERSON SHORELINE	1604.0	CRAB	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000
15001.0	H. BAY- HALBERSON SHORELINE	1605.0	MUSSEL (RESIDENT)	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000
15001.0	H. BAY- HALBERSON SHORELINE	1608.0	WORM	-8.000	0.183	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000
14001.0	EUREKA WATERFRONT- H STREET	1610.0	CRAB	3.365	3.587	0.580	2.018	0.405	-8.000	1.022	0.365	-8.000
14001.0	EUREKA WATERFRONT- H STREET	1611.0	WORM	1.051	3.541	-8.000	0.699	0.236	1.016	0.604	0.435	-8.000
14001.0	EUREKA WATERFRONT- H STREET	1612.0	MUSSEL (RESIDENT)	0.622	1.225	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000	-8.000

PCB CONGENER AND AROCLOR ANALYSIS OF TISSUE (wet weight-ppb-ng/g)

STANUM	STATION	IDORG	TISS_TYPE	PCBBATCH	ARO5460	ARO1248	ARO1254	ARO1260	TTI_PCB
14003.0	ARCATA BAY-JOLLY GIANT NORTH	1437.0	MUSSEL (TRANSPLANT)	73.51	-9.000	117.000	-8.000	-8.000	38.768
10018.0	IL. BAY-UNION OIL PLANT	1439.0	MUSSEL (TRANSPLANT)	-9	-9.000	-9.000	-9.000	-9.000	-9.000
10019.0	IL. BAY-COAL/OIL/GAS PLANT	1441.0	MUSSEL (TRANSPLANT)	-9	-9.000	-9.000	-9.000	-9.000	-9.000
10020.0	IL. BAY-OLD PAC. LUMBER SITE	1443.0	MUSSEL (TRANSPLANT)	-9	-9.000	-9.000	-9.000	-9.000	-9.000
10022.0	HUMBOLDT BAY EUREKA SM.22	1447.0	MUSSEL (TRANSPLANT)	-9	-9.000	-9.000	-9.000	-9.000	-9.000
14001.0	EUREKA WATERFRONT- H STREET	1449.0	MUSSEL (TRANSPLANT)	-9	-9.000	-9.000	-9.000	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1451.0	MUSSEL (TRANSPLANT)	-9	-9.000	-9.000	-9.000	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1453.0	CRABS	-9	-9.000	-9.000	-9.000	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1454.0	OYSTERS	-9	-9.000	-9.000	-9.000	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1455.0	MUSSEL (RESIDENT)	-9	-9.000	-9.000	-9.000	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1598.0	CRAB	75.07	-8.000	-8.000	-8.000	-8.000	21.842
14002.0	EUREKA WATERFRONT- J STREET	1599.0	WORM	75.07	-8.000	-8.000	-8.000	-8.000	10.926
14002.0	EUREKA WATERFRONT- J STREET	1600.0	MUSSEL (RESIDENT)	75.07	-8.000	-8.000	9.004	-8.000	8.456
10016.0	ARCATA BAY-JOLLY GIANT SL.	1602.0	CRAB	75.07	-8.000	-8.000	-8.000	-8.000	10.920
15001.0	IL. BAY- HALBERSON SHORELINE	1604.0	CRAB	75.07	-8.000	-8.000	-8.000	-8.000	7.324
15001.0	IL. BAY- HALBERSON SHORELINE	1605.0	MUSSEL (RESIDENT)	75.07	-8.000	-8.000	-8.000	-8.000	4.550
15001.0	IL. BAY- HALBERSON SHORELINE	1608.0	WORM	75.07	-8.000	-8.000	-8.000	-8.000	6.082
14001.0	EUREKA WATERFRONT- H STREET	1610.0	CRAB	75.07	-8.000	-8.000	-8.000	62.523	676.946
14001.0	EUREKA WATERFRONT- H STREET	1611.0	WORM	75.07	-8.000	-8.000	54.909	29.273	73.246
14001.0	EUREKA WATERFRONT- H STREET	1612.0	MUSSEL (RESIDENT)	75.07	-8.000	-8.000	72.932	-8.000	66.960

## **SECTION X**

### **PAH Analysis of Tissue**



PAH ANALYSIS OF TISSUE (wet weight-ppb-ng/g)

STANUM STATION	IDORG	DATE	LEG	TISS_TYPE	NO_IN_COMP	TMMOIST	ACY	ACE	ANT	BAA	BAP	BBF
14003.0	ARCATA BAY-JOLLY GIANT NORTH	2/14/95	36.5	MUSSEL (TRANSPLANT)	45	80.70	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10018.0	II. BAY-UNION OIL PLANT	2/15/95	36.5	MUSSEL (TRANSPLANT)	45	81.50	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00
10019.0	H. BAY-COAL/OIL/GAS PLANT	2/15/95	36.5	MUSSEL (TRANSPLANT)	45	82.50	-8.00	2.23	-8.00	-8.00	-8.00	-8.00
10020.0	H. BAY-OLD PAC. LUMBER SITE	2/15/95	36.5	MUSSEL (TRANSPLANT)	29	82.40	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00
10022.0	HUMBOLDT BAY EUREKA SM.22	2/15/95	36.5	MUSSEL (TRANSPLANT)	39	82.50	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00
14001.0	EUREKA WATERFRONT- H STREET	2/15/95	36.5	MUSSEL (TRANSPLANT)	45	81.20	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00
14002.0	EUREKA WATERFRONT- J STREET	2/15/95	36.5	MUSSEL (TRANSPLANT)	45	83.80	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00
14002.0	EUREKA WATERFRONT- J STREET	2/15/95	36.5	CRABS	38	-9.00	-8.00	5.35	-8.00	2.76	3.54	7.36
14002.0	EUREKA WATERFRONT- J STREET	2/15/95	36.5	OYSTERS	35	80.30	43.40	526.00	462.00	301.00	191.00	286.00
14002.0	EUREKA WATERFRONT- J STREET	2/15/95	36.5	MUSSEL (RESIDENT)	38	87.50	-8.00	-8.00	1.00	8.30	1.85	10.00
14002.0	EUREKA WATERFRONT- J STREET	4/17/96	42.0	CRAB	24	64.60	-8.00	4.07	-8.00	-8.00	-8.00	-8.00
14002.0	EUREKA WATERFRONT- J STREET	4/17/96	42.0	WORM	12	86.70	-8.00	7.11	-8.00	1.37	-8.00	1.66
14002.0	EUREKA WATERFRONT- J STREET	4/17/96	42.0	MUSSEL (RESIDENT)	27	90.60	-8.00	1.36	1.56	6.11	4.19	5.69
10016.0	ARCATA BAY-JOLLY GIANT SL.	4/18/96	42.0	CRAB	31	67.00	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00
15001.0	H. BAY- HALBERSON SHORELINE	4/17/96	42.0	CRAB	32	69.50	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00
15001.0	H. BAY- HALBERSON SHORELINE	4/17/96	42.0	MUSSEL (RESIDENT)	44	88.40	-8.00	-8.00	2.48	6.96	4.69	6.16
15001.0	H. BAY- HALBERSON SHORELINE	4/17/96	42.0	WORM	4	88.50	-8.00	2.29	-8.00	1.59	1.25	-8.00
14001.0	EUREKA WATERFRONT- H STREET	4/17/96	42.0	CRAB	25	66.40	-8.00	-8.00	-8.00	5.80	10.51	8.43
14001.0	EUREKA WATERFRONT- H STREET	4/17/96	42.0	WORM	3	81.90	-8.00	2.07	-8.00	-8.00	-8.00	-8.00
14001.0	EUREKA WATERFRONT- H STREET	4/17/96	42.0	MUSSEL (RESIDENT)	45	88.10	-8.00	3.88	2.76	7.21	2.72	5.75

PAH ANALYSIS OF TISSUE (wet weight-ppb-ng/g)

STANUM STATION	IDORG	TISS_TYPE	BKF	BGP	BEP	BPH	CHR	COR	DBA	DBT	DMN	FLA	FLU	IND
14003.0	ARCATA BAY-JOLLY GIANT NORTH	MUSSEL (TRANSPLANT)	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10018.0	H. BAY-UNION OIL PLANT	MUSSEL (TRANSPLANT)	-8.00	-8.00	-8.00	-8.00	2.00	-9.00	-8.00	-9.00	-8.00	4.17	1.98	-8.00
10019.0	H. BAY-COAL/OIL/GAS PLANT	MUSSEL (TRANSPLANT)	-8.00	-8.00	-8.00	-8.00	-8.00	-9.00	-8.00	-9.00	-8.00	5.99	2.76	-8.00
10020.0	H. BAY-OLD PAC. LUMBER SITE	MUSSEL (TRANSPLANT)	-8.00	-8.00	-8.00	-8.00	-8.00	-9.00	-8.00	-9.00	-8.00	1.88	-8.00	-8.00
10022.0	HUMBOLDT BAY EUREKA SM.22	MUSSEL (TRANSPLANT)	-8.00	-8.00	-8.00	-8.00	-8.00	-9.00	-8.00	-9.00	-8.00	3.15	2.10	-8.00
14001.0	EUREKA WATERFRONT- H STREET	MUSSEL (TRANSPLANT)	-8.00	-8.00	-8.00	-8.00	-8.00	-9.00	-8.00	-9.00	-8.00	3.07	1.96	-8.00
14002.0	EUREKA WATERFRONT- J STREET	MUSSEL (TRANSPLANT)	-8.00	-8.00	-8.00	-8.00	-8.00	-9.00	-8.00	-9.00	-8.00	4.39	2.15	-8.00
14002.0	EUREKA WATERFRONT- J STREET	CRABS	2.20	3.98	4.21	2.74	5.27	-9.00	-8.00	-9.00	5.37	13.80	2.11	3.19
14002.0	EUREKA WATERFRONT- J STREET	OYSTERS	103.00	79.90	131.00	81.20	457.00	-9.00	28.40	-9.00	37.00	1170.00	423.00	90.60
14002.0	EUREKA WATERFRONT- J STREET	MUSSEL (RESIDENT)	3.68	2.29	7.40	-8.00	10.90	-9.00	-8.00	-9.00	-8.00	64.00	1.14	1.84
14002.0	EUREKA WATERFRONT- J STREET	CRAB	-8.00	-8.00	-8.00	-8.00	5.15	-8.00	-8.00	-8.00	-8.00	4.96	-8.00	-8.00
14002.0	EUREKA WATERFRONT- J STREET	WORM	-8.00	-8.00	-8.00	-8.00	2.65	-8.00	-8.00	-8.00	-8.00	5.66	-8.00	-8.00
14002.0	EUREKA WATERFRONT- J STREET	MUSSEL (RESIDENT)	5.95	3.55	5.38	-8.00	9.74	8.32	5.45	-8.00	-8.00	11.99	1.10	4.65
10016.0	ARCATA BAY-JOLLY GIANT SL.	CRAB	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00
15001.0	H. BAY- HALBERSON SHORELINE	CRAB	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00
15001.0	H. BAY- HALBERSON SHORELINE	MUSSEL (RESIDENT)	6.73	4.04	4.66	-8.00	9.22	5.64	-8.00	-8.00	-8.00	20.49	1.82	4.10
15001.0	H. BAY- HALBERSON SHORELINE	WORM	1.29	-8.00	-8.00	-8.00	1.26	1.95	-8.00	-8.00	-8.00	2.14	-8.00	-8.00
14001.0	EUREKA WATERFRONT- H STREET	CRAB	11.06	10.42	7.77	-8.00	11.83	17.18	10.17	-8.00	-8.00	3.89	-8.00	11.82
14001.0	EUREKA WATERFRONT- H STREET	WORM	-8.00	-8.00	2.60	-8.00	4.47	-8.00	-8.00	-8.00	-8.00	39.77	16.32	-8.00
14001.0	EUREKA WATERFRONT- H STREET	MUSSEL (RESIDENT)	6.18	4.33	5.02	1.73	9.57	3.43	-8.00	1.36	-8.00	23.56	2.41	2.70

PAH ANALYSIS OF TISSUE (wet weight-ppb-ng/g)

STANUM	STATION	IDORG	TISS TYPE	MNP1	MNP2	MPH1	NPH	PHN	PER	PYR	TMN	TRY	PAHBATCH	SODATAQA
14003.0	ARCATA BAY-JOLLY GIANT NORTH	1437.0	MUSSEL (TRANSPLANT)	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9	-5
10018.0	H. BAY-UNION OIL PLANT	1439.0	MUSSEL (TRANSPLANT)	-8.00	6.44	-8.00	-8.00	10.70	-8.00	4.22	-8.00	-8.00	73.51	-5
10019.0	II. BAY-COAL/OIL/GAS PLANT	1441.0	MUSSEL (TRANSPLANT)	-8.00	5.27	-8.00	1.86	16.60	-8.00	6.56	-8.00	-8.00	73.51	-5
10020.0	H. BAY-OLD PAC. LUMBER SITE	1443.0	MUSSEL (TRANSPLANT)	-8.00	3.82	-8.00	-8.00	5.94	-8.00	2.14	-8.00	-8.00	73.51	-5
10022.0	IUMBOLDT BAY EUREKA SM.22	1447.0	MUSSEL (TRANSPLANT)	-8.00	4.60	-8.00	-8.00	10.20	-8.00	4.05	-8.00	-8.00	73.51	-5
14001.0	EUREKA WATERFRONT- H STREET	1449.0	MUSSEL (TRANSPLANT)	-8.00	6.65	-8.00	-8.00	8.40	-8.00	3.35	-8.00	-8.00	73.51	-5
14002.0	EUREKA WATERFRONT- J STREET	1451.0	MUSSEL (TRANSPLANT)	-8.00	5.21	-8.00	-8.00	11.30	-8.00	4.75	-8.00	-8.00	73.51	-5
14002.0	EUREKA WATERFRONT- J STREET	1453.0	CRABS	3.98	4.85	-8.00	5.60	11.00	-8.00	19.70	-8.00	2.78	73.51	-5
14002.0	EUREKA WATERFRONT- J STREET	1454.0	OYSTERS	105.00	61.40	51.50	254.00	1450.00	49.80	775.00	9.80	50.90	73.51	-5
14002.0	EUREKA WATERFRONT- J STREET	1455.0	MUSSEL (RESIDENT)	-8.00	1.03	1.86	-8.00	19.10	1.29	46.70	-8.00	5.48	73.51	-5
14002.0	EUREKA WATERFRONT- J STREET	1598.0	CRAB	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00	5.20	-8.00	-8.00	75.07	-5
14002.0	EUREKA WATERFRONT- J STREET	1599.0	WORM	-8.00	-8.00	-8.00	3.80	3.61	-8.00	9.94	-8.00	-8.00	75.07	-5
14002.0	EUREKA WATERFRONT- J STREET	1600.0	MUSSEL (RESIDENT)	1.17	1.59	-8.00	1.33	5.92	4.43	10.38	-8.00	-8.00	75.07	-5
10016.0	ARCATA BAY-JOLLY GIANT SL.	1602.0	CRAB	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00	3.57	-8.00	-8.00	75.07	-5
15001.0	H. BAY- HALBERSON SHORELINE	1604.0	CRAB	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00	75.07	-5
15001.0	H. BAY- HALBERSON SHORELINE	1605.0	MUSSEL (RESIDENT)	1.91	2.68	-8.00	2.03	12.31	4.72	15.85	-8.00	-8.00	75.07	-5
15001.0	H. BAY- HALBERSON SHORELINE	1608.0	WORM	-8.00	-8.00	-8.00	1.97	1.39	1.40	4.26	-8.00	-8.00	75.07	-5
14001.0	EUREKA WATERFRONT- H STREET	1610.0	CRAB	-8.00	-8.00	-8.00	-8.00	-8.00	7.44	4.81	-8.00	-8.00	75.07	-5
14001.0	EUREKA WATERFRONT- H STREET	1611.0	WORM	-8.00	-8.00	-8.00	2.27	7.14	-8.00	29.04	-8.00	-8.00	75.07	-5
14001.0	EUREKA WATERFRONT- H STREET	1612.0	MUSSEL (RESIDENT)	3.26	4.41	-8.00	3.88	17.54	2.29	17.45	-8.00	-8.00	75.07	-5





## **SECTION XI**

### **BTEX and TPH Data (Tissue)**



BTEX AND TPH DATA (dry weight-ppm-ug/g)

STANUM	STATION	IDORG	DATE	LEG	TISS_TYPE	NO. IN COMP	BENZENE	TOLUENE	ETHBENZENE	XYLENES	TPH	DIESEL
14003.0	ARCATA BAY-JOLLY GIANT NORTH	1437.0	2/14/95	36.5	MUSSEL (TRANSPLANT)	45	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00
10018.0	H. BAY-UNION OIL PLANT	1439.0	2/15/95	36.5	MUSSEL (TRANSPLANT)	45	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00
10019.0	H. BAY-COAL/OIL/GAS PLANT	1441.0	2/15/95	36.5	MUSSEL (TRANSPLANT)	45	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00
10020.0	H. BAY-OLD PAC. LUMBER SITE	1443.0	2/15/95	36.5	MUSSEL (TRANSPLANT)	29	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00
10022.0	HUMBOLDT BAY EUREKA SM.22	1447.0	2/15/95	36.5	MUSSEL (TRANSPLANT)	39	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00
14001.0	EUREKA WATERFRONT- H STREET	1449.0	2/15/95	36.5	MUSSEL (TRANSPLANT)	45	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00
14002.0	EUREKA WATERFRONT- J STREET	1451.0	2/15/95	36.5	MUSSEL (TRANSPLANT)	45	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00
14002.0	EUREKA WATERFRONT- J STREET	1453.0	2/15/95	36.5	CRABS	38	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00
14002.0	EUREKA WATERFRONT- J STREET	1454.0	2/15/95	36.5	OYSTERS	35	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00
14002.0	EUREKA WATERFRONT- J STREET	1455.0	2/15/95	36.5	MUSSEL (RESIDENT)	38	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00
14002.0	EUREKA WATERFRONT- J STREET	1598.0	4/17/96	42.0	CRAB	24	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
14002.0	EUREKA WATERFRONT- J STREET	1599.0	4/17/96	42.0	WORM	12	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
14002.0	EUREKA WATERFRONT- J STREET	1600.0	4/17/96	42.0	MUSSEL (RESIDENT)	27	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
10016.0	ARCATA BAY-JOLLY GIANT SL.	1602.0	4/18/96	42.0	CRAB	31	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
15001.0	H. BAY- HALBERSON SHORELINE	1604.0	4/17/96	42.0	CRAB	32	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
15001.0	H. BAY- HALBERSON SHORELINE	1605.0	4/17/96	42.0	MUSSEL (RESIDENT)	44	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
15001.0	H. BAY- HALBERSON SHORELINE	1608.0	4/17/96	42.0	WORM	4	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
14001.0	EUREKA WATERFRONT- H STREET	1610.0	4/17/96	42.0	CRAB	25	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
14001.0	EUREKA WATERFRONT- H STREET	1611.0	4/17/96	42.0	WORM	3	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
14001.0	EUREKA WATERFRONT- H STREET	1612.0	4/17/96	42.0	MUSSEL (RESIDENT)	45	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00



## **APPENDIX D**

### **Grain Size and Total Organic Carbon**



GRAIN SIZE: (% fines) AND TOTAL ORGANIC CARBON (% dry weight)

STATION	STATION	IDORG	DATE	LEG	FINES	FINEBATCH	FINEDATAQC	TOC	TOCBATCH	TOCDATAQC
10004.0	ARCATA BAY-MCDANIEL SL.	304	11/30/92	8.0	90.00	8	-3	0.58	8	-3
10015.0	ARCATA BAY-MAD RIVER SL.	315	11/30/92	8.0	60.00	8	-3	0.65	8	-3
10016.0	ARCATA BAY-JOLLY GIANT SL.	316	11/30/92	8.0	61.00	8	-3	0.75	8	-3
10017.0	ARCATA BAY-EUREKA SL.	317	11/29/92	8.0	88.00	8	-3	0.77	8	-3
10018.0	H. BAY-UNION OIL PLANT	318	11/29/92	8.0	74.00	8	-3	0.76	8	-3
10019.0	H. BAY-COAL/OIL/GAS PLANT	319	11/29/92	8.0	72.00	8	-3	0.65	8	-3
10020.0	H. BAY-OLD PAC. LUMBER SITE	320	11/29/92	8.0	83.00	8	-3	0.70	8	-3
10021.0	H. BAY-CHEVRON TERMINAL	321	11/29/92	8.0	50.00	8	-3	0.56	8	-3
10022.0	EUREKA WATERFRONT H STREET	322	11/29/92	8.0	95.00	8	-3	0.84	8	-3
10023.0	H. BAY EUREKA STORM 23	323	11/29/92	8.0	67.00	8	-3	1.00	8	-3
10024.0	H. BAY FIELDS LANDING	324	11/29/92	8.0	75.00	8	-3	0.60	8	-3
10025.0	H. BAY HOOKTON SL.	325	11/29/92	8.0	94.00	8	-3	0.54	8	-3
10036.0	SOUTHPORT CHANNEL-33B	336	11/30/92	8.0	83.00	8	-3	0.81	8	-3
10037.0	H. BAY-MOUTH OF ELK RIVER	337	11/30/92	8.0	53.00	8	-3	2.20	8	-3
14004.0	DAVENPORT MARINE	338	11/30/92	8.0	77.00	8	-3	0.81	8	-3
10005.0	RUSSIAN RIVER MOUTH SMW 280.0	305	2/25/93	14.0	48.00	14	-3	0.99	14	-3
10006.0	BODEGA BAY-MASON'S MARINA	306	2/25/93	14.0	98.00	14	-3	2.00	14	-3
10007.0	BODEGA BAY-SPUD POINT MARINA	307	2/25/93	14.0	27.00	14	-3	1.00	14	-3
10028.0	BODEGA BAY PORTO BODEGA MARINA	328	2/25/93	14.0	55.00	14	-3	0.93	14	-3
10029.0	ESTERO AMERICANO-VALLEY FORD	329	2/25/93	14.0	50.00	14	-3	0.95	14	-3
10030.0	ESTERO DE SAN ANTONIO-VALLEY F	330	2/25/93	14.0	35.00	14	-3	1.90	14	-3
10031.0	MOUTH OF ESTERO AMERICANO	331	2/26/93	14.0	10.00	14	-3	0.23	14	-3
10032.0	MOUTH OF ESTERO DE SAN ANTONIO	332	2/26/93	14.0	23.00	14	-3	1.60	14	-3
10039.0	UNCONTAMINATED SITE-33C	339	2/25/93	14.0	41.00	14	-3	0.83	14	-3
10040.0	UNCONTAMINATED SITE-33D	340	2/26/93	14.0	43.00	14	-3	0.25	14	-3
10041.0	SALMON CREEK-34L	341	2/25/93	14.0	51.00	14	-3	1.80	14	-3
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	900	6/22/93	20.0	-9.00	-9	-9	-9.00	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	901	6/22/93	20.0	-9.00	-9	-9	-9.00	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	902	6/22/93	20.0	-9.00	-9	-9	-9.00	-9	-9
10040.0	UNCONTAMINATED SITE-33D	1321	5/16/94	32.0	37.35	32	-4	0.47	32	-4
10031.0	MOUTH OF ESTERO AMERICANO	1322	5/16/94	32.0	12.70	32	-4	0.64	32	-4
10006.0	BODEGA BAY-MASON'S MARINA REP1	1350	6/14/94	33.0	96.70	33	-4	3.44	33	-4
10006.0	BODEGA BAY-MASON'S MARINA REP2	1351	6/14/94	33.0	94.13	33	-4	3.50	33	-4
10006.0	BODEGA BAY-MASON'S MARINA REP3	1352	6/14/94	33.0	98.50	33	-4	3.58	33	-4
10007.0	BODEGA-SPUD POINT MARINA REP1	1353	6/13/94	33.0	19.83	33	-4	0.43	33	-4
10007.0	BODEGA-SPUD POINT MARINA REP2	1354	6/13/94	33.0	17.12	33	-4	0.48	33	-4
10007.0	BODEGA-SPUD POINT MARINA REP3	1355	6/13/94	33.0	15.19	33	-4	0.35	33	-4
10028.0	PORTO BODEGA MARINA REP1	1356	6/14/94	33.0	48.31	33	-4	1.31	33	-4

GRAIN SIZE (% fines) AND TOTAL ORGANIC CARBON (% dry weight)

STANUM	STATION	IDORG	DATE	LEG	FINES	FINERBATCH	FINEDATAQC	TOC	TOCBATCH	TOCDATAQC
10028.0	PORTO BODEGA MARINA REP2	1357	6/14/94	33.0	56.70	33	-4	1.38	33	-4
10028.0	PORTO BODEGA MARINA REP3	1358	6/14/94	33.0	47.60	33	-4	1.24	33	-4
10040.0	UNCONTAMINATED SITE-33D REP1	1359	6/13/94	33.0	26.54	33	-4	0.27	33	-4
10040.0	UNCONTAMINATED SITE-33D REP2	1360	6/13/94	33.0	28.63	33	-4	0.27	33	-4
10040.0	UNCONTAMINATED SITE-33D REP3	1361	6/13/94	33.0	33.56	33	-4	0.39	33	-4
14003.0	ARCATA BAY- JOLLY GIANT NORTH	1438	2/14/95	36.5	-9.00	-9	-9	-9.00	-9	-9
15002.0	H. BAY- WASHINGTON STREET	1440	2/15/95	36.5	-9.00	-9	-9	-9.00	-9	-9
10019.0	H. BAY- COAL/OIL/GAS PLANT	1442	2/15/95	36.5	-9.00	-9	-9	-9.00	-9	-9
10020.0	H. BAY- OLD PAC. LUMBER SITE	1444	2/15/95	36.5	-9.00	-9	-9	-9.00	-9	-9
14004.0	DAVENPORT MARINE	1446	2/15/95	36.5	-9.00	-9	-9	-9.00	-9	-9
10022.0	HUMBOLDT BAY EUREKA SM.22	1448	2/15/95	36.5	-9.00	-9	-9	-9.00	-9	-9
14001.0	EUREKA WATERFRONT H STREET	1450	2/15/95	36.5	-9.00	-9	-9	-9.00	-9	-9
14002.0	EUREKA WATERFRONT J STREET	1452	2/15/95	36.5	-9.00	-9	-9	-9.00	-9	-9
14004.0	DAVENPORT MARINE	1578	4/17/96	42.0	86.93	42	-4	1.49	42	-4
10023.0	IL BAY EUREKA STORM 23	1579	4/17/96	42.0	36.05	42	-4	1.82	42	-4
10016.0	ARCATA BAY-JOLLY GIANT SL.	1580	4/18/96	42.0	79.48	42	-4	2.68	42	-4
10017.0	ARCATA BAY-EUREKA SL.	1581	4/17/96	42.0	82.43	42	-4	1.47	42	-4
10021.0	H. BAY-CHEVRON TERMINAL	1582	4/17/96	42.0	76.89	42	-4	1.18	42	-4
10019.0	H. BAY-COAL/OIL/GAS PLANT	1583	4/17/96	42.0	72.14	42	-4	1.73	42	-4
10018.0	H. BAY-UNION OIL PLANT	1584	4/17/96	42.0	79.26	42	-4	1.71	42	-4
15001.0	H. BAY- HALBERSON SHORELINE	1585	4/17/96	42.0	84.20	42	-4	1.48	42	-4
14002.0	EUREKA WATERFRONT- J STREET	1586	4/17/96	42.0	94.75	42	-4	1.36	42	-4
14001.0	EUREKA WATERFRONT- H STREET	1587	4/17/96	42.0	94.63	42	-4	1.57	42	-4
10006.0	BODEGA BAY MASON'S MARINA	1682	12/6/96	47.0	98.93	B97064	-4	3.34	47	-4
10007.0	BODEGA-SPUD POINT MARINA	1683	12/5/96	47.0	16.69	B97064	-4	0.64	47	-4
10028.0	PORTO BODEGA MARINA	1684	12/6/96	47.0	79.39	B97064	-4	2.30	47	-4
10040.0	UNCONTAMINATED SITE-33D	1685	12/6/96	47.0	26.13	B97064	-4	0.28	47	-4



## **APPENDIX E**

### **Toxicity Data**



## SECTION I

### *Rhepoxynius abronius* Solid Phase Survival

*Rhepoxynitus abronius* PERCENT SURVIVAL FOR SOLID PHASE TEST AND WATER QUALITY (mg/L)

STANUM STATION	IDORG	DATE	LEG	METADATA	CTRL	RA MN	RA SD	RA SG	RA TOX	RA OTN13	RA OUN13
10004.0	ARCATA BAY-MCDANIEL SL.	304	11/30/92	8.0	-9	66.00	9.60	*	T	-9.000	0.004
10015.0	ARCATA BAY-MAD RIVER SL.	315	11/30/92	8.0	-9	81.00	6.50	*	NT	-9.000	0.003
10016.0	ARCATA BAY-JOLLY GIANT SL.	316	11/30/92	8.0	-9	78.00	13.50	*	NT	-9.000	0.007
10017.0	ARCATA BAY-EUREKA SL.	317	11/29/92	8.0	-9	67.00	6.70	*	T	-9.000	0.003
10018.0	H. BAY-UNION OIL PLANT	318	11/29/92	8.0	-9	94.00	6.50	ns	NT	-9.000	0.090
10019.0	H. BAY-COAL/OIL/GAS PLANT	319	11/29/92	8.0	-9	82.00	7.60	*	NT	-9.000	0.032
10020.0	H. BAY-OLD PAC. LUMBER SITE	320	11/29/92	8.0	-9	70.00	13.70	*	T	-9.000	0.066
10021.0	H. BAY-CHEVRON TERMINAL	321	11/29/92	8.0	-9	76.00	29.90	ns	NT	-9.000	0.039
10022.0	HUMBOLDT BAY EUREKA SM.22	322	11/29/92	8.0	-9	90.00	3.50	*	NT	-9.000	0.018
10023.0	H. BAY EUREKA STORM 23	323	11/29/92	8.0	-9	74.00	12.90	*	T	-9.000	0.050
10024.0	H. BAY FIELDS LANDING	324	11/29/92	8.0	-9	86.00	4.20	*	NT	-9.000	0.014
10025.0	H. BAY HOOKTON SL.	325	11/29/92	8.0	-9	80.00	12.70	*	NT	-9.000	0.004
10036.0	SOUTHPORT CHANNEL-33B	336	11/30/92	8.0	-9	83.00	8.40	*	NT	-9.000	0.014
10037.0	H. BAY-MOUTH OF ELK RIVER	337	11/30/92	8.0	-9	83.00	4.50	*	NT	-9.000	0.020
10038.0	H. BAY EUR. WAT. FT. FUEL D	338	11/30/92	8.0	-9	80.00	10.00	*	NT	-9.000	0.011
10005.0	RUSSIAN RIVER MOUTH SMW 280.0	305	2/25/93	14.0	-9	-9.00	-9.00	-9	-9	-9.000	-9.000
10006.0	BODEGA BAY-MASON'S MARINA	306	2/25/93	14.0	-9	38.00	15.20	*	T	-9.000	-9.000
10007.0	BODEGA BAY-SPUD POINT MARINA	307	2/25/93	14.0	-9	80.00	7.90	*	NT	-9.000	-9.000
10028.0	BODEGA BAY PORTO BODEGA MARINA	328	2/25/93	14.0	-9	65.00	11.20	*	T	-9.000	-9.000
10029.0	ESTERO AMERICANO-VALLEY FORD	329	2/25/93	14.0	-9	-9.00	-9.00	-9	-9	-9.000	-9.000
10030.0	ESTERO DE SAN ANTONIO-VALLEY F	330	2/25/93	14.0	-9	-9.00	-9.00	-9	-9	-9.000	-9.000
10031.0	MOUTH OF ESTERO AMERICANO	331	2/26/93	14.0	-9	92.00	5.70	ns	NT	-9.000	-9.000
10032.0	MOUTH OF ESTERO DE SAN ANTONIO	332	2/26/93	14.0	-9	-9.00	-9.00	-9	-9	-9.000	-9.000
10039.0	UNCONTAMINATED SITE-33C	339	2/25/93	14.0	-9	-9.00	-9.00	-9	-9	-9.000	-9.000
10040.0	UNCONTAMINATED SITE-33D	340	2/26/93	14.0	-9	94.00	4.20	ns	NT	-9.000	-9.000
10041.0	SALMON CREEK-34L	341	2/25/93	14.0	-9	-9.00	-9.00	-9	-9	-9.000	-9.000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	900	6/22/93	20.0	-9	94.00	7.00	ns	NT	-9.000	0.422
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	901	6/22/93	20.0	-9	89.00	9.00	ns	NT	-9.000	0.719
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	902	6/22/93	20.0	-9	92.00	4.00	ns	NT	-9.000	0.339
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	906	6/22/93	21.0	-9	93.00	8.00	ns	NT	-9.000	0.211
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	907	6/22/93	21.0	-9	88.00	14.00	ns	NT	-9.000	0.328
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	908	6/22/93	21.0	-9	86.00	10.00	ns	NT	-9.000	0.429
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	912	6/22/93	22.0	-9	96.00	0.00	ns	NT	-9.000	0.231
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	913	6/22/93	22.0	-9	79.00	44.00	ns	NT	-9.000	0.228
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	914	6/22/93	22.0	-9	80.00	29.00	ns	NT	-9.000	0.327
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	915	6/22/93	23.0	-9	90.00	7.00	ns	NT	-9.000	0.538

*Rhepoxynius abronius* PERCENT SURVIVAL FOR SOLID PHASE TEST AND WATER QUALITY (mg/L)

STANUM	STATION	IDORG	DATE	LEG	METADATA	CTRL	RA_MN	RA_SD	RA_SG	RA_TOX	RA_OTNH3	RA_OUNH3
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	916	6/22/93	23.0	-9	-9	78.00	33.00	ns	NT	-9.000	0.389
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	917	6/22/93	23.0	-9	-9	89.00	12.00	ns	NT	-9.000	0.641
	CONTROL-CH2			32.0	toxmeta.wpd	-9	99.00	2.24	-9	-9	0.120	0.002
	CONTROL-CH3			32.0	toxmeta.wpd	-9	100.00	0.00	-9	-9	0.110	0.003
	CONTROL-CH1			32.0	toxmeta.wpd	-9	96.00	8.94	-9	-9	-8.000	-8.000
10040.0	UNCONTAMINATED SITE-33D	1321	5/16/94	32.0	toxmeta.wpd	-9	91.00	6.52	ns	NT	2.600	0.117
10031.0	MOUTH OF ESTERO AMERICANO	1322	5/16/94	32.0	toxmeta.wpd	-9	88.00	7.58	ns	NT	4.100	0.138
	CONTROL-CH1			33.0	toxmeta.wpd	-9	98.00	2.74	-9	-9	0.180	0.006
10006.0	BODEGA BAY-MASON'S MARINA REP1	1350	6/14/94	33.0	toxmeta.wpd	-9	61.00	18.17	*	T	3.460	0.206
10006.0	BODEGA BAY-MASON'S MARINA REP2	1351	6/14/94	33.0	toxmeta.wpd	-9	52.00	6.71	*	T	4.330	0.208
10006.0	BODEGA BAY-MASON'S MARINA REP3	1352	6/14/94	33.0	toxmeta.wpd	-9	75.00	20.62	*	NT	1.560	0.069
10007.0	BODEGA-SPUD POINT MARINA REP1	1353	6/13/94	33.0	toxmeta.wpd	-9	86.00	21.04	ns	NT	2.600	0.090
10007.0	BODEGA-SPUD POINT MARINA REP2	1354	6/13/94	33.0	toxmeta.wpd	-9	75.00	29.37	ns	NT	3.430	0.132
10007.0	BODEGA-SPUD POINT MARINA REP3	1355	6/13/94	33.0	toxmeta.wpd	-9	91.00	9.62	ns	NT	2.170	0.102
10028.0	PORTO BODEGA MARINA REP1	1356	6/14/94	33.0	toxmeta.wpd	-9	81.00	11.40	*	NT	2.020	0.083
10028.0	PORTO BODEGA MARINA REP2	1357	6/14/94	33.0	toxmeta.wpd	-9	86.00	10.84	*	NT	1.770	0.073
10028.0	PORTO BODEGA MARINA REP3	1358	6/14/94	33.0	toxmeta.wpd	-9	82.00	19.24	ns	NT	2.030	0.080
10040.0	UNCONTAMINATED SITE-33D REP1	1359	6/13/94	33.0	toxmeta.wpd	-9	93.00	9.75	ns	NT	5.390	0.207
10040.0	UNCONTAMINATED SITE-33D REP2	1360	6/13/94	33.0	toxmeta.wpd	-9	94.00	4.18	ns	NT	5.220	0.188
10040.0	UNCONTAMINATED SITE-33D REP3	1361	6/13/94	33.0	toxmeta.wpd	-9	92.00	6.71	ns	NT	5.310	0.260
	CONTROL-CH1			42.0	toxmeta5	CH1	-9.00	-9.00	-9	-9	-9.000	-9.000
10038.0	H. BAY FUR.WAT.FT. FUEL D	1578	4/17/96	42.0	toxmeta5	CH1	-9.00	-9.00	-9	-9	-9.000	-9.000
10023.0	H. BAY EUREKA STORM 23	1579	4/17/96	42.0	toxmeta5	CH1	-9.00	-9.00	-9	-9	-9.000	-9.000
10016.0	ARCATA BAY-JOLLY GIANT SL.	1580	4/18/96	42.0	toxmeta5	CH1	-9.00	-9.00	-9	-9	-9.000	-9.000
10017.0	ARCATA BAY-EUREKA SL.	1581	4/17/96	42.0	toxmeta5	CH1	-9.00	-9.00	-9	-9	-9.000	-9.000
10021.0	H. BAY-CHEVRON TERMINAL	1582	4/17/96	42.0	toxmeta5	CH1	-9.00	-9.00	-9	-9	-9.000	-9.000
10019.0	H. BAY-COAL/OIL/GAS PLANT	1583	4/17/96	42.0	toxmeta5	CH1	-9.00	-9.00	-9	-9	-9.000	-9.000
10018.0	H. BAY-UNION OIL PLANT	1584	4/17/96	42.0	toxmeta5	CH1	-9.00	-9.00	-9	-9	-9.000	-9.000
15001.0	H. BAY- HALBERSON SHORELINE	1585	4/17/96	42.0	toxmeta5	CH1	-9.00	-9.00	-9	-9	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1586	4/17/96	42.0	toxmeta5	CH1	-9.00	-9.00	-9	-9	-9.000	-9.000
14001.0	EUREKA WATERFRONT- H STREET	1587	4/17/96	42.0	toxmeta5	CH1	-9.00	-9.00	-9	-9	-9.000	-9.000
	CONTROL-C1			47.0	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
10006.0	BODEGA BAY - MASON'S MARINA	1682	12/6/96	47.0	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
10007.0	BODEGA - SPUD POINT MARINA	1683	12/5/96	47.0	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
10028.0	PORTO BODEGA MARINA	1684	12/6/96	47.0	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000
10040.0	UNCONTAMINATED SITE	1685	12/6/96	47.0	toxdata7.wpd	C1	-9.00	-9.00	-9	-9	-9.000	-9.000

*Rhepoxynius abronius* PERCENT SURVIVAL FOR SOLID PHASE TEST AND WATER QUALITY (mg/L)

STANUM	STATION	IDORG	DATE	LEG	RA_OH2S	RA_ITNH3	RA_HUNH3	RA_IH2S	RA_BATCH	RAQC
10004.0	ARCATA BAY-MCDANIEL SL.	304	11/30/92	8.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10015.0	ARCATA BAY-MAD RIVER SL.	315	11/30/92	8.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10016.0	ARCATA BAY-JOLLY GIANT SL.	316	11/30/92	8.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10017.0	ARCATA BAY-EUREKA SL.	317	11/29/92	8.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10018.0	H. BAY-UNION OIL PLANT	318	11/29/92	8.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10019.0	H. BAY-COAL/OIL/GAS PLANT	319	11/29/92	8.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10020.0	H. BAY-OLD PAC. LUMBER SITE	320	11/29/92	8.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10021.0	H. BAY-CHEVRON TERMINAL	321	11/29/92	8.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10022.0	HUMBOLDT BAY EUREKA SM.22	322	11/29/92	8.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10023.0	H. BAY EUREKA STORM 23	323	11/29/92	8.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10024.0	H. BAY FIELDS LANDING	324	11/29/92	8.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10025.0	H. BAY HOOKTON SL.	325	11/29/92	8.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10036.0	SOUTHPORT CHANNEL-33B	336	11/30/92	8.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10037.0	H. BAY-MOUTH OF ELK RIVER	337	11/30/92	8.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10038.0	H. BAY EUR. WAT.FT. FUEL D	338	11/30/92	8.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10005.0	RUSSIAN RIVER MOUTH SMW 280.0	305	2/25/93	14.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10006.0	BODEGA BAY-MASON'S MARINA	306	2/25/93	14.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10007.0	BODEGA BAY-SPUD POINT MARINA	307	2/25/93	14.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10028.0	BODEGA BAY PORTO BODEGA MARINA	328	2/25/93	14.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10029.0	ESTERO AMERICANO-VALLEY FORD	329	2/25/93	14.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10030.0	ESTERO DE SAN ANTONIO-VALLEY F	330	2/25/93	14.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10031.0	MOUTH OF ESTERO AMERICANO	331	2/26/93	14.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10032.0	MOUTH OF ESTERO DE SAN ANTONIO	332	2/26/93	14.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10039.0	UNCONTAMINATED SITE-33C	339	2/25/93	14.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10040.0	UNCONTAMINATED SITE-33D	340	2/26/93	14.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10041.0	SALMON CREEK-34L	341	2/25/93	14.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	900	6/22/93	20.0	0.0003	-9.0000	-9.0000	-9.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	901	6/22/93	20.0	0.0003	-9.0000	-9.0000	-9.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	902	6/22/93	20.0	0.0005	-9.0000	-9.0000	-9.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	906	6/22/93	21.0	-8.0000	-9.0000	-9.0000	-9.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	907	6/22/93	21.0	-8.0000	-9.0000	-9.0000	-9.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	908	6/22/93	21.0	-8.0000	-9.0000	-9.0000	-9.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	912	6/22/93	22.0	0.0001	-9.0000	-9.0000	-9.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	913	6/22/93	22.0	-8.0000	-9.0000	-9.0000	-9.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	914	6/22/93	22.0	-8.0000	-9.0000	-9.0000	-9.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	915	6/22/93	23.0	-8.0000	-9.0000	-9.0000	-9.0000	-9	-9

*Rhepoxynius abronius* PERCENT SURVIVAL FOR SOLID PHASE TEST AND WATER QUALITY (mg/L)

STANUM	STATION	IDORG	DATE	LEG	RA_OH2S	RA_ITNH3	RA_JUNH3	RA_IH2S	RA_BATCH	RAQC
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	916	6/22/93	23.0	-8.0000	-9.0000	-9.0000	-9.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	917	6/22/93	23.0	-8.0000	-9.0000	-9.0000	-9.0000	-9	-9
	CONTROL-CH2			32.0	0.0027	-8.0000	-8.0000	-8.0000	B032RASA01	-3
	CONTROL-CH3			32.0	0.0037	-8.0000	-8.0000	-8.0000	B032RASA01	-3
	CONTROL-CH1			32.0	0.0042	-8.0000	-8.0000	-8.0000	B032RASA01	-3
10040.0	UNCONTAMINATED SITE-33D	1321	5/16/94	32.0	0.0019	18.0000	0.269	0.0078	B032RASA01	-3
10031.0	MOUTH OF ESTERO AMERICANO	1322	5/16/94	32.0	0.0029	39.0000	0.499	0.0312	B032RASA01	-3
	CONTROL-CH1			33.0	-8.0000	-9.0000	-9.0000	-9.0000	B033RASA01	-3
10006.0	BODEGA BAY-MASON'S MARINA REP1	1350	6/14/94	33.0	0.0029	16.0000	0.075	0.0322	B033RASA01	-3
10006.0	BODEGA BAY-MASON'S MARINA REP2	1351	6/14/94	33.0	0.0024	13.0000	0.096	0.0981	B033RASA01	-3
10006.0	BODEGA BAY-MASON'S MARINA REP3	1352	6/14/94	33.0	0.0019	10.0000	0.064	0.0484	B033RASA01	-3
10007.0	BODEGA-SPUD POINT MARINA REP1	1353	6/13/94	33.0	0.0008	23.0000	0.240	0.0348	B033RASA01	-3
10007.0	BODEGA-SPUD POINT MARINA REP2	1354	6/13/94	33.0	0.0080	26.0000	0.303	0.0250	B033RASA01	-3
10007.0	BODEGA-SPUD POINT MARINA REP3	1355	6/13/94	33.0	0.0004	11.0000	0.123	0.0534	B033RASA01	-3
10028.0	PORTO BODEGA MARINA REP1	1356	6/14/94	33.0	0.0008	7.6000	0.062	0.0720	B033RASA01	-3
10028.0	PORTO BODEGA MARINA REP2	1357	6/14/94	33.0	0.0017	7.5000	0.055	0.0854	B033RASA01	-3
10028.0	PORTO BODEGA MARINA REP3	1358	6/14/94	33.0	0.0015	7.9000	0.053	0.0664	B033RASA01	-3
10040.0	UNCONTAMINATED SITE-33D REP1	1359	6/13/94	33.0	0.0008	13.0000	0.170	0.0615	B033RASA01	-3
10040.0	UNCONTAMINATED SITE-33D REP2	1360	6/13/94	33.0	-8.0000	17.0000	0.135	0.0517	B033RASA01	-3
10040.0	UNCONTAMINATED SITE-33D REP3	1361	6/13/94	33.0	0.0016	22.0000	0.152	0.1324	B033RASA01	-3
	CONTROL-CH1			42.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10038.0	H. BAY EUR. WAT. FT. FUEL D	1578	4/17/96	42.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10023.0	H. BAY EUREKA STORM 23	1579	4/17/96	42.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10016.0	ARCATA BAY-JOLLY GIANT SL.	1580	4/18/96	42.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10017.0	ARCATA BAY-EUREKA SL.	1581	4/17/96	42.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10021.0	H. BAY-CHEVRON TERMINAL	1582	4/17/96	42.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10019.0	H. BAY-COAL/OIL/GAS PLANT	1583	4/17/96	42.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10018.0	H. BAY-UNION OIL PLANT	1584	4/17/96	42.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
15001.0	H. BAY-HALBERSON SHORELINE	1585	4/17/96	42.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
14002.0	EUREKA WATERFRONT- J STREET	1586	4/17/96	42.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
14001.0	EUREKA WATERFRONT- H STREET	1587	4/17/96	42.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
	CONTROL-C1			47.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10006.0	BODEGA BAY - MASON'S MARINA	1682	12/6/96	47.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10007.0	BODEGA - SPUD POINT MARINA	1683	12/5/96	47.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10028.0	PORTO BODEGA MARINA	1684	12/6/96	47.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10040.0	UNCONTAMINATED SITE	1685	12/6/96	47.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9

## SECTION I

### *Rhepoxynius abromius* Solid Phase Survival





*Rhepoxynitus abronius* PERCENT SURVIVAL FOR SOLID PHASE TEST AND WATER QUALITY (mg/L)

STANUM	STATION	IDORG	DATE	LEG	METADATA	CTRL	RA	MN	RA	SD	RA	SG	RA	TOX	RA	OTN13	RA	OUN13
10004.0	ARCATA BAY-MCDANIEL SL.	304	11/30/92	8.0	-9	-9	66.00	9.60	*	*	*	T	-9.000	-9.000	0.004			
10015.0	ARCATA BAY-MAD RIVER SL.	315	11/30/92	8.0	-9	-9	81.00	6.50	*	*	NT	-9.000	-9.000	0.003				
10016.0	ARCATA BAY-JOLLY GIANT SL.	316	11/30/92	8.0	-9	-9	78.00	13.50	*	*	NT	-9.000	-9.000	0.007				
10017.0	ARCATA BAY-EUREKA SL.	317	11/29/92	8.0	-9	-9	67.00	6.70	*	*	T	-9.000	-9.000	0.003				
10018.0	H. BAY-UNION OIL PLANT	318	11/29/92	8.0	-9	-9	94.00	6.50	ns	ns	NT	-9.000	-9.000	0.090				
10019.0	H. BAY-COAL/OIL/GAS PLANT	319	11/29/92	8.0	-9	-9	82.00	7.60	*	*	NT	-9.000	-9.000	0.032				
10020.0	H. BAY-OLD PAC. LUMBER SITE	320	11/29/92	8.0	-9	-9	70.00	13.70	*	*	T	-9.000	-9.000	0.066				
10021.0	H. BAY-CHEVRON TERMINAL	321	11/29/92	8.0	-9	-9	76.00	29.90	ns	ns	NT	-9.000	-9.000	0.039				
10022.0	HUMBOLDT BAY EUREKA SM.22	322	11/29/92	8.0	-9	-9	90.00	3.50	*	*	NT	-9.000	-9.000	0.018				
10023.0	H. BAY EUREKA STORM 23	323	11/29/92	8.0	-9	-9	74.00	12.90	*	*	T	-9.000	-9.000	0.050				
10024.0	H. BAY FIELDS LANDING	324	11/29/92	8.0	-9	-9	86.00	4.20	*	*	NT	-9.000	-9.000	0.014				
10025.0	H. BAY HOOKTON SL.	325	11/29/92	8.0	-9	-9	80.00	12.70	*	*	NT	-9.000	-9.000	0.004				
10036.0	SOUTHPORT CHANNEL-33B	336	11/30/92	8.0	-9	-9	83.00	8.40	*	*	NT	-9.000	-9.000	0.014				
10037.0	H. BAY-MOUTH OF ELK RIVER	337	11/30/92	8.0	-9	-9	83.00	4.50	*	*	NT	-9.000	-9.000	0.020				
10038.0	H. BAY EUR. WAT. FT. FUEL D	338	11/30/92	8.0	-9	-9	80.00	10.00	*	*	NT	-9.000	-9.000	0.011				
10005.0	RUSSIAN RIVER MOUTH SMW 280.0	305	2/25/93	14.0	-9	-9	-9.00	-9.00	-9	-9	-9	-9.000	-9.000	-9.000				
10006.0	BODEGA BAY-MASON'S MARINA	306	2/25/93	14.0	-9	-9	38.00	15.20	*	*	T	-9.000	-9.000	-9.000				
10007.0	BODEGA BAY-SPUD POINT MARINA	307	2/25/93	14.0	-9	-9	80.00	7.90	*	*	NT	-9.000	-9.000	-9.000				
10028.0	BODEGA BAY PORTO BODEGA MARINA	328	2/25/93	14.0	-9	-9	65.00	11.20	*	*	T	-9.000	-9.000	-9.000				
10029.0	ESTERO AMERICANO-VALLEY FORD	329	2/25/93	14.0	-9	-9	-9.00	-9.00	-9	-9	-9	-9.000	-9.000	-9.000				
10030.0	ESTERO DE SAN ANTONIO-VALLEY F	330	2/25/93	14.0	-9	-9	-9.00	-9.00	-9	-9	-9	-9.000	-9.000	-9.000				
10031.0	MOUTH OF ESTERO AMERICANO	331	2/26/93	14.0	-9	-9	92.00	5.70	ns	ns	NT	-9.000	-9.000	-9.000				
10032.0	MOUTH OF ESTERO DE SAN ANTONIO	332	2/26/93	14.0	-9	-9	-9.00	-9.00	-9	-9	-9	-9.000	-9.000	-9.000				
10039.0	UNCONTAMINATED SITE-33C	339	2/25/93	14.0	-9	-9	-9.00	-9.00	-9	-9	NT	-9.000	-9.000	-9.000				
10040.0	UNCONTAMINATED SITE-33D	340	2/26/93	14.0	-9	-9	94.00	4.20	ns	ns	NT	-9.000	-9.000	-9.000				
10041.0	SALMON CREEK-34L	341	2/25/93	14.0	-9	-9	-9.00	-9.00	-9	-9	-9	-9.000	-9.000	-9.000				
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	900	6/22/93	20.0	-9	-9	94.00	7.00	ns	ns	NT	-9.000	-9.000	0.422				
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	901	6/22/93	20.0	-9	-9	89.00	9.00	ns	ns	NT	-9.000	-9.000	0.719				
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	902	6/22/93	20.0	-9	-9	92.00	4.00	ns	ns	NT	-9.000	-9.000	0.339				
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	906	6/22/93	21.0	-9	-9	93.00	8.00	ns	ns	NT	-9.000	-9.000	0.211				
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	907	6/22/93	21.0	-9	-9	88.00	14.00	ns	ns	NT	-9.000	-9.000	0.328				
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	908	6/22/93	21.0	-9	-9	86.00	10.00	ns	ns	NT	-9.000	-9.000	0.429				
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	912	6/22/93	22.0	-9	-9	96.00	0.00	ns	ns	NT	-9.000	-9.000	0.231				
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	913	6/22/93	22.0	-9	-9	79.00	44.00	ns	ns	NT	-9.000	-9.000	0.228				
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	914	6/22/93	22.0	-9	-9	80.00	29.00	ns	ns	NT	-9.000	-9.000	0.327				
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	915	6/22/93	23.0	-9	-9	90.00	7.00	ns	ns	NT	-9.000	-9.000	0.538				

*Rhepoxynius abronius* PERCENT SURVIVAL FOR SOLID PHASE TEST AND WATER QUALITY (mg/L)

STANUM	STATION	IDORG	DATE	LEG	METADATA	CTRL	RA_MN	RA_SD	RA_SG	RA_TOX	RA_OTNH3	RA_OUNH3
10037.0	MEGAMUID-HUMBOLDT(ELK)-REP 2	916	6/22/93	23.0	-9	-9	78.00	33.00	ns	NT	-9.000	0.389
10037.0	MEGAMUID-HUMBOLDT(ELK)-REP 3	917	6/22/93	23.0	-9	-9	89.00	12.00	ns	NT	-9.000	0.641
	CONTROL-CH2			32.0	toxmeta	wpd	99.00	2.24	-9	-9	0.120	0.002
	CONTROL-CH3			32.0	toxmeta	wpd	100.00	0.00	-9	-9	0.110	0.003
	CONTROL-CH1			32.0	toxmeta	wpd	96.00	8.94	-9	-9	-8.000	-8.000
10040.0	UNCONTAMINATED SITE-33D	1321	5/16/94	32.0	toxmeta	wpd	91.00	6.52	ns	NT	2.600	0.117
10031.0	MOUTH OF ESTERO AMERICANO	1322	5/16/94	32.0	toxmeta	wpd	88.00	7.58	ns	NT	4.100	0.138
	CONTROL-CH1			33.0	toxmeta	wpd	98.00	2.74	-9	-9	0.180	0.006
10006.0	BODEGA BAY-MASON'S MARINA REP1	1350	6/14/94	33.0	toxmeta	wpd	61.00	18.17	*	T	3.460	0.206
10006.0	BODEGA BAY-MASON'S MARINA REP2	1351	6/14/94	33.0	toxmeta	wpd	52.00	6.71	*	T	4.330	0.208
10006.0	BODEGA BAY-MASON'S MARINA REP3	1352	6/14/94	33.0	toxmeta	wpd	75.00	20.62	*	NT	1.560	0.069
10007.0	BODEGA-SPUD POINT MARINA REP1	1353	6/13/94	33.0	toxmeta	wpd	86.00	21.04	ns	NT	2.600	0.090
10007.0	BODEGA-SPUD POINT MARINA REP2	1354	6/13/94	33.0	toxmeta	wpd	75.00	29.37	ns	NT	3.430	0.132
10007.0	BODEGA-SPUD POINT MARINA REP3	1355	6/13/94	33.0	toxmeta	wpd	91.00	9.62	ns	NT	2.170	0.102
10028.0	PORTO BODEGA MARINA REP1	1356	6/14/94	33.0	toxmeta	wpd	81.00	11.40	*	NT	2.020	0.083
10028.0	PORTO BODEGA MARINA REP2	1357	6/14/94	33.0	toxmeta	wpd	86.00	10.84	*	NT	1.770	0.073
10028.0	PORTO BODEGA MARINA REP3	1358	6/14/94	33.0	toxmeta	wpd	82.00	19.24	ns	NT	2.030	0.080
10040.0	UNCONTAMINATED SITE-33D REP1	1359	6/13/94	33.0	toxmeta	wpd	93.00	9.75	ns	NT	5.390	0.207
10040.0	UNCONTAMINATED SITE-33D REP2	1360	6/13/94	33.0	toxmeta	wpd	94.00	4.18	ns	NT	5.220	0.188
10040.0	UNCONTAMINATED SITE-33D REP3	1361	6/13/94	33.0	toxmeta	wpd	92.00	6.71	ns	NT	5.310	0.260
	CONTROL-CH1			42.0	toxmeta	5	-9.00	-9.00	-9	-9	-9.000	-9.000
10038.0	H. BAY EUR. WAT. FT. FUEL D	1578	4/17/96	42.0	toxmeta	5	-9.00	-9.00	-9	-9	-9.000	-9.000
10023.0	H. BAY EUREKA STORM 23	1579	4/17/96	42.0	toxmeta	5	-9.00	-9.00	-9	-9	-9.000	-9.000
10016.0	ARCATA BAY-JOLLY GIANT SL.	1580	4/18/96	42.0	toxmeta	5	-9.00	-9.00	-9	-9	-9.000	-9.000
10017.0	ARCATA BAY-EUREKA SL.	1581	4/17/96	42.0	toxmeta	5	-9.00	-9.00	-9	-9	-9.000	-9.000
10021.0	H. BAY-CHEVRON TERMINAL	1582	4/17/96	42.0	toxmeta	5	-9.00	-9.00	-9	-9	-9.000	-9.000
10019.0	H. BAY-COAL/OIL/GAS PLANT	1583	4/17/96	42.0	toxmeta	5	-9.00	-9.00	-9	-9	-9.000	-9.000
10018.0	H. BAY-UNION OIL PLANT	1584	4/17/96	42.0	toxmeta	5	-9.00	-9.00	-9	-9	-9.000	-9.000
15001.0	H. BAY- HALBERSON SHORELINE	1585	4/17/96	42.0	toxmeta	5	-9.00	-9.00	-9	-9	-9.000	-9.000
14002.0	EUREKA WATERFRONT- J STREET	1586	4/17/96	42.0	toxmeta	5	-9.00	-9.00	-9	-9	-9.000	-9.000
14001.0	EUREKA WATERFRONT- H STREET	1587	4/17/96	42.0	toxmeta	5	-9.00	-9.00	-9	-9	-9.000	-9.000
	CONTROL-C1			47.0	toxdata	7	wpd	-9.00	-9	-9	-9.000	-9.000
10006.0	BODEGA BAY - MASON'S MARINA	1682	12/6/96	47.0	toxdata	7	wpd	-9.00	-9	-9	-9.000	-9.000
10007.0	BODEGA - SPUD POINT MARINA	1683	12/5/96	47.0	toxdata	7	wpd	-9.00	-9	-9	-9.000	-9.000
10028.0	PORTO BODEGA MARINA	1684	12/6/96	47.0	toxdata	7	wpd	-9.00	-9	-9	-9.000	-9.000
10040.0	UNCONTAMINATED SITE	1685	12/6/96	47.0	toxdata	7	wpd	-9.00	-9	-9	-9.000	-9.000

*Rheopxytinus abronitus* PERCENT SURVIVAL FOR SOLID PHASE TEST AND WATER QUALITY (mg/L)

STANUM	STATION	IDORG	DATE	LEG	RA OH2S	RA ITNH3	RA IUNH3	RA IH2S	RA BATCH	RAQC
10004.0	ARCATA BAY-MCDANIEL SL.	304	11/30/92	8.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10015.0	ARCATA BAY-MAD RIVER SL.	315	11/30/92	8.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10016.0	ARCATA BAY-JOLLY GIANT SL	316	11/30/92	8.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10017.0	ARCATA BAY-EUREKA SL.	317	11/29/92	8.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10018.0	H. BAY-UNION OIL PLANT	318	11/29/92	8.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10019.0	H. BAY-COAL/OIL/GAS PLANT	319	11/29/92	8.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10020.0	H. BAY-OLD PAC. LUMBER SITE	320	11/29/92	8.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10021.0	H. BAY-CHEVRON TERMINAL	321	11/29/92	8.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10022.0	HUMBOLDT BAY EUREKA SM.22	322	11/29/92	8.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10023.0	H. BAY EUREKA STORM 23	323	11/29/92	8.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10024.0	H. BAY FIELDS LANDING	324	11/29/92	8.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10025.0	H. BAY HOOKTON SL.	325	11/29/92	8.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10036.0	SOUTHPORT CHANNEL-33B	336	11/30/92	8.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10037.0	H. BAY-MOUTH OF ELK RIVER	337	11/30/92	8.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10038.0	H. BAY EUR.WAT.FT. FUJELD	338	11/30/92	8.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10005.0	RUSSIAN RIVER MOUTH SMW 280.0	305	2/25/93	14.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10006.0	BODEGA BAY-MASON'S MARINA	306	2/25/93	14.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10007.0	BODEGA BAY-SPUD POINT MARINA	307	2/25/93	14.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10028.0	BODEGA BAY PORTO BODEGA MARINA	328	2/25/93	14.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10029.0	ESTERO AMERICANO-VALLEY FORD	329	2/25/93	14.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10030.0	ESTERO DE SAN ANTONIO-VALLEY F	330	2/25/93	14.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10031.0	MOUTH OF ESTERO AMERICANO	331	2/26/93	14.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10032.0	MOUTH OF ESTERO DE SAN ANTONIO	332	2/26/93	14.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10039.0	UNCONTAMINATED SITE-33C	339	2/25/93	14.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10040.0	UNCONTAMINATED SITE-33D	340	2/26/93	14.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10041.0	SALMON CREEK-34L	341	2/25/93	14.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	900	6/22/93	20.0	0.0003	-9.0000	-9.0000	-9.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	901	6/22/93	20.0	0.0003	-9.0000	-9.0000	-9.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	902	6/22/93	20.0	0.0005	-9.0000	-9.0000	-9.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	906	6/22/93	21.0	-8.0000	-9.0000	-9.0000	-9.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	907	6/22/93	21.0	-8.0000	-9.0000	-9.0000	-9.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	908	6/22/93	21.0	-8.0000	-9.0000	-9.0000	-9.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	912	6/22/93	22.0	0.0001	-9.0000	-9.0000	-9.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	913	6/22/93	22.0	-8.0000	-9.0000	-9.0000	-9.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	914	6/22/93	22.0	-8.0000	-9.0000	-9.0000	-9.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	915	6/22/93	23.0	-8.0000	-9.0000	-9.0000	-9.0000	-9	-9

*Rhepoxynius abronius* PERCENT SURVIVAL FOR SOLID PHASE TEST AND WATER QUALITY (mg/L)

STANUM	STATION	IDORG	DATE	LEG	RA_OH2S	RA_IPNH3	RA_IUNI3	RA_IH2S	RA_BATCH	RAQC
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	916	6/22/93	23.0	-8.0000	-9.0000	-9.0000	-9.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	917	6/22/93	23.0	-8.0000	-9.0000	-9.0000	-9.0000	-9	-9
	CONTROL.-CH2			32.0	0.0027	-8.0000	-8.0000	-8.0000	B032RASA01	-3
	CONTROL.-CH3			32.0	0.0037	-8.0000	-8.0000	-8.0000	B032RASA01	-3
	CONTROL.-CHI			32.0	0.0042	-8.0000	-8.0000	-8.0000	B032RASA01	-3
10040.0	UNCONTAMINATED SITE-33D	1321	5/16/94	32.0	0.0019	18.0000	0.269	0.0078	B032RASA01	-3
10031.0	MOUTH OF ESTERO AMERICANO	1322	5/16/94	32.0	0.0029	39.0000	0.499	0.0312	B032RASA01	-3
	CONTROL.-CHI			33.0	-8.0000	-9.0000	-9.0000	-9.0000	B033RASA01	-3
10006.0	BODEGA BAY-MASON'S MARINA REP1	1350	6/14/94	33.0	0.0029	16.0000	0.075	0.0322	B033RASA01	-3
10006.0	BODEGA BAY-MASON'S MARINA REP2	1351	6/14/94	33.0	0.0024	13.0000	0.096	0.0981	B033RASA01	-3
10006.0	BODEGA BAY-MASON'S MARINA REP3	1352	6/14/94	33.0	0.0019	10.0000	0.064	0.0484	B033RASA01	-3
10007.0	BODEGA-SPUD POINT MARINA REP1	1353	6/13/94	33.0	0.0008	23.0000	0.240	0.0348	B033RASA01	-3
10007.0	BODEGA-SPUD POINT MARINA REP2	1354	6/13/94	33.0	0.0080	26.0000	0.303	0.0250	B033RASA01	-3
10007.0	BODEGA-SPUD POINT MARINA REP3	1355	6/13/94	33.0	0.0004	11.0000	0.123	0.0534	B033RASA01	-3
10028.0	PORTO BODEGA MARINA REP1	1356	6/14/94	33.0	0.0008	7.600	0.062	0.0720	B033RASA01	-3
10028.0	PORTO BODEGA MARINA REP2	1357	6/14/94	33.0	0.0017	7.500	0.055	0.0854	B033RASA01	-3
10028.0	PORTO BODEGA MARINA REP3	1358	6/14/94	33.0	0.0015	7.900	0.053	0.0664	B033RASA01	-3
10040.0	UNCONTAMINATED SITE-33D REP1	1359	6/13/94	33.0	0.0008	13.000	0.170	0.0615	B033RASA01	-3
10040.0	UNCONTAMINATED SITE-33D REP2	1360	6/13/94	33.0	-8.0000	17.000	0.135	0.0517	B033RASA01	-3
10040.0	UNCONTAMINATED SITE-33D REP3	1361	6/13/94	33.0	0.0016	22.000	0.152	0.1324	B033RASA01	-3
	CONTROL.-CHI			42.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10038.0	H. BAY EUR.WAT.FT. FUEL D	1578	4/17/96	42.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10023.0	H. BAY EUREKA STORM 23	1579	4/17/96	42.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10016.0	ARCATA BAY-JOLLY GIANT SL.	1580	4/18/96	42.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10017.0	ARCATA BAY-EUREKA SL.	1581	4/17/96	42.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10021.0	H. BAY-CHEVRON TERMINAL	1582	4/17/96	42.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10019.0	H. BAY-COAL/OIL/GAS PLANT	1583	4/17/96	42.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10018.0	H. BAY-UNION OIL PLANT	1584	4/17/96	42.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
15001.0	H. BAY- HALBERSON SHORELINE	1585	4/17/96	42.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
14002.0	EUREKA WATERFRONT- J STREET	1586	4/17/96	42.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
14001.0	EUREKA WATERFRONT- H STREET	1587	4/17/96	42.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
	CONTROL-C1			47.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10006.0	BODEGA BAY - MASON'S MARINA	1682	12/6/96	47.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10007.0	BODEGA - SPUD POINT MARINA	1683	12/5/96	47.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10028.0	PORTO BODEGA MARINA	1684	12/6/96	47.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9
10040.0	UNCONTAMINATED SITE	1685	12/6/96	47.0	-9.0000	-9.0000	-9.0000	-9.0000	-9	-9

## SECTION II

### *Eohaustorius estuarius* Solid Phase Survival



*Fohausstorius estuarius* PERCENT SURVIVAL FOR SOLID PHASE TEST AND WATER QUALITY (mg/L)

STANUM	STATION	IDORG	DATE	LEG	METADATA	CTRL	EE_MN	EE_SD	EE_SG	EE_TOX	EE_BATCH	EE_QC	EE_OTNIB
10005.0	RUSSIAN RIVER MOUTH SMW 280.0	305	2/25/93	14.0	-9	-9	92.00	7.60	ns	NT	-9	-9	-9.000
10029.0	ESTERO AMERICANO-VALLEY FORD	329	2/25/93	14.0	-9	-9	93.00	5.70	*	NT	-9	-9	-9.000
10030.0	ESTERO DE SAN ANTONIO-VALLEY F	330	2/25/93	14.0	-9	-9	99.00	2.20	ns	NT	-9	-9	-9.000
10032.0	MOUTH OF ESTERO DE SAN ANTONIO	332	2/26/93	14.0	-9	-9	93.00	11.00	ns	NT	-9	-9	-9.000
10039.0	UNCONTAMINATED SITE-33C	339	2/25/93	14.0	-9	-9	94.00	8.90	ns	NT	-9	-9	-9.000
10041.0	SALMON CREEK-34L	341	2/25/93	14.0	-9	-9	96.00	4.20	ns	NT	-9	-9	-9.000
	CONTROL-CHI			42.0	toxmeta5	CHI	99.00	2.00	-9	-9	142tee	-4	0.120
14004.0	DAVENPORT MARINE	1578	4/17/96	42.0	toxmeta5	CHI	88.00	8.00	*	NT	142tee	-4	0.810
10023.0	H. BAY EUREKA STORM 23	1579	4/17/96	42.0	toxmeta5	CHI	92.00	10.00	ns	NT	142tee	-4	3.400
10016.0	ARCATA BAY-JOLLY GIANT SL.	1580	4/18/96	42.0	toxmeta5	CHI	80.00	7.00	*	NT	142tee	-4	1.000
10017.0	ARCATA BAY-EUREKA SL.	1581	4/17/96	42.0	toxmeta5	CHI	77.00	14.00	*	NT	142tee	-4	0.480
10019.0	H. BAY-CHEVRON TERMINAL	1582	4/17/96	42.0	toxmeta5	CHI	86.00	4.00	*	NT	142tee	-4	1.300
10018.0	H. BAY-COAL/OIL/GAS PLANT	1583	4/17/96	42.0	toxmeta5	CHI	94.00	8.00	ns	NT	142tee	-4	3.600
10018.0	H. BAY-UNION OIL PLANT	1584	4/17/96	42.0	toxmeta5	CHI	81.00	4.00	*	NT	142tee	-3	3.400
15001.0	H. BAY- HALBERSON SHORELINE	1585	4/17/96	42.0	toxmeta5	CHI	83.00	8.00	*	NT	142tee	-4	0.550
14002.0	EUREKA WATERFRONT- J STREET	1586	4/17/96	42.0	toxmeta5	CHI	70.00	6.00	*	T	142tee	-3	0.790
14001.0	EUREKA WATERFRONT- H STREET	1587	4/17/96	42.0	toxmeta5	CHI	58.00	10.00	*	T	142tee	-3	1.100
	CONTROL-C1			47.0	toxdata7.vpjd	C1	99.00	2.00	-9	-9	147tee	-4	3.400
10006.0	BODEGA BAY - MASON'S MARINA	1682	12/6/96	47.0	toxdata7.vpjd	C1	57.00	35.00	*	T	147tee	-3	15.000
10007.0	BODEGA - SPUD POINT MARINA	1683	12/5/96	47.0	toxdata7.vpjd	C1	56.00	35.00	*	T	147tee	-3	16.000
10028.0	PORTO BODEGA MARINA	1684	12/6/96	47.0	toxdata7.vpjd	C1	73.00	12.00	*	T	147tee	-3	8.000
10040.0	UNCONTAMINATED SITE	1685	12/6/96	47.0	toxdata7.vpjd	C1	87.00	9.00	*	NT	147tee	-4	7.100



*Eohaustorius estuarius* PERCENT SURVIVAL FOR SOLID PHASE TEST AND WATER QUALITY (mg/L)

STANUM	STATION	IDORG	DATE	LEG	EE_OUNH3	EE_OH2S	EE_ITNH3	EE_IUNH3	EE_IH2S
10005.0	RUSSIAN RIVER MOUTH SMW 280.0	305	2/25/93	14.0	-9.000	-9.0000	-9.000	-9.000	-9.0000
10029.0	ESTERO AMERICANO-VALLEY FORD	329	2/25/93	14.0	-9.000	-9.0000	-9.000	-9.000	-9.0000
10030.0	ESTERO DE SAN ANTONIO-VALLEY F	330	2/25/93	14.0	-9.000	-9.0000	-9.000	-9.000	-9.0000
10032.0	MOUTH OF ESTERO DE SAN ANTONIO	332	2/26/93	14.0	-9.000	-9.0000	-9.000	-9.000	-9.0000
10039.0	UNCONTAMINATED SITE-33C	339	2/25/93	14.0	-9.000	-9.0000	-9.000	-9.000	-9.0000
10041.0	SALMON CREEK-34L	341	2/25/93	14.0	-9.000	-9.0000	-9.000	-9.000	-9.0000
	CONTROL-C1H			42.0	0.003	-9.0000	-9.000	-9.000	-9.0000
10038.0	H. BAY EUR.WAT.FT. FUEL D	1578	4/17/96	42.0	0.016	-9.0000	6.900	0.019	-8.0000
10023.0	H. BAY EUREKA STORM 23	1579	4/17/96	42.0	0.226	-9.0000	12.000	0.154	0.0070
10016.0	ARCATA BAY-HOLLY GHANT SL.	1580	4/18/96	42.0	0.022	-9.0000	7.000	0.073	0.0500
10017.0	ARCATA BAY-EUREKA SL.	1581	4/17/96	42.0	0.015	-9.0000	3.500	0.019	0.0060
10021.0	H. BAY-CHEVRON TERMINAL	1582	4/17/96	42.0	0.042	-9.0000	6.300	0.077	0.0020
10019.0	H. BAY-COAL/OIL/GAS PLANT	1583	4/17/96	42.0	0.329	-9.0000	6.800	0.069	-8.0000
10018.0	H. BAY-UNION OIL PLANT	1584	4/17/96	42.0	0.199	-9.0000	6.200	0.054	-8.0000
15001.0	H. BAY- HALBERSON SHORELINE	1585	4/17/96	42.0	0.015	-9.0000	3.900	0.012	0.0110
14002.0	EUREKA WATERFRONT- J STREET	1586	4/17/96	42.0	0.021	-9.0000	7.700	0.027	0.0020
14001.0	EUREKA WATERFRONT- H STREET	1587	4/17/96	42.0	0.041	-9.0000	7.500	0.067	-8.0000
	CONTROL-C1			47.0	0.077	-9.0000	-9.000	-9.000	-9.0000
10006.0	BODEGA BAY - MASON'S MARINA	1682	12/6/96	47.0	0.309	-9.0000	7.200	0.070	0.0245
10007.0	BODEGA - SPUD POINT MARINA	1683	12/5/96	47.0	0.552	-9.0000	27.000	0.205	0.0282
10028.0	PORTO BODEGA MARINA	1684	12/6/96	47.0	0.329	-9.0000	8.800	0.051	0.0009
10040.0	UNCONTAMINATED SITE	1685	12/6/96	47.0	0.389	-9.0000	3.200	0.050	0.0703

### SECTION III

#### *Haliotis rufescens* Larval Shell Development in Subsurface Water



*Halitotis rufescens* PERCENT NORMAL LARVAL SHELL DEVELOPMENT IN SUBSURFACE WATER, AND WATER QUALITY (mg/L)

STANUM STATION	IDORG	DATE	LEG	METADATA	CTRL	HRS100_MN	HRS100_SD	HRS100_SG	HRS100_TOX
10004.0	304	11/30/92	8.0	-9	-9	96.30	0.90	ns	NT
10015.0	315	11/30/92	8.0	-9	-9	95.50	1.80	ns	NT
10016.0	316	11/30/92	8.0	-9	-9	94.50	2.40	ns	NT
10017.0	317	11/29/92	8.0	-9	-9	94.00	1.50	ns	NT
10018.0	318	11/29/92	8.0	-9	-9	95.30	1.50	ns	NT
10019.0	319	11/29/92	8.0	-9	-9	96.80	1.90	ns	NT
10020.0	320	11/29/92	8.0	-9	-9	93.80	4.30	ns	NT
10021.0	321	11/29/92	8.0	-9	-9	94.90	2.10	ns	NT
14001.0	322	11/29/92	8.0	-9	-9	93.60	1.00	ns	NT
10023.0	323	11/29/92	8.0	-9	-9	95.70	3.10	ns	NT
10024.0	324	11/29/92	8.0	-9	-9	95.10	1.80	ns	NT
10025.0	325	11/29/92	8.0	-9	-9	94.30	3.50	ns	NT
10036.0	336	11/30/92	8.0	-9	-9	94.10	3.10	ns	NT
10037.0	337	11/30/92	8.0	-9	-9	93.60	1.00	ns	NT
14004.0	338	11/30/92	8.0	-9	-9	75.30	42.10	ns	NT
10006.0	306	2/25/93	14.0	-9	-9	81.70	33.40	ns	NT
10007.0	307	2/25/93	14.0	-9	-9	97.50	1.70	ns	NT
10028.0	328	2/25/93	14.0	-9	-9	95.60	2.70	ns	NT
10031.0	331	2/26/93	14.0	-9	-9	97.60	2.20	ns	NT

*Halitotis rufescens* PERCENT NORMAL LARVAL SHELL DEVELOPMENT IN SUBSURFACE WATER, AND WATER QUALITY (mg/L.)

STANUM	STATION	IDORG	DATE	LEG	HRS_OUNH3	HRS_OTNH3	HRS_OH2S	HRS_BATCH	HRSQC
10004.0	ARCATA BAY-MCDANIEL SL.	304	11/30/92	8.0	-8.000	-9.000	-9.0000	-9	-9
10015.0	ARCATA BAY-MAD RIVER SL.	315	11/30/92	8.0	0.003	-9.000	-9.0000	-9	-9
10016.0	ARCATA BAY-JOLLY GIANT SL	316	11/30/92	8.0	0.004	-9.000	-9.0000	-9	-9
10017.0	ARCATA BAY-EUREKA SL.	317	11/29/92	8.0	0.003	-9.000	-9.0000	-9	-9
10018.0	H. BAY-UNION OIL PLANT	318	11/29/92	8.0	-8.000	-9.000	-9.0000	-9	-9
10019.0	H. BAY-COAL/OIL/GAS PLANT	319	11/29/92	8.0	-8.000	-9.000	-9.0000	-9	-9
10020.0	H. BAY-OLD PAC. LUMBER SITE	320	11/29/92	8.0	-8.000	-9.000	-9.0000	-9	-9
10021.0	H. BAY-CHEVRON TERMINAL	321	11/29/92	8.0	-8.000	-9.000	-9.0000	-9	-9
10022.0	HUMBOLDT BAY EUREKA SM.22	322	11/29/92	8.0	-8.000	-9.000	-9.0000	-9	-9
10023.0	H. BAY EUREKA STORM 23	323	11/29/92	8.0	-8.000	-9.000	-9.0000	-9	-9
10024.0	H. BAY FIELDS LANDING	324	11/29/92	8.0	-8.000	-9.000	-9.0000	-9	-9
10025.0	H. BAY HOOKTON SL.	325	11/29/92	8.0	-8.000	-9.000	-9.0000	-9	-9
10036.0	SOUTHPORT CHANNEL-33B	336	11/30/92	8.0	0.003	-9.000	-9.0000	-9	-9
10037.0	H. BAY-MOUTH OF ELK RIVER	337	11/30/92	8.0	-8.000	-9.000	-9.0000	-9	-9
10038.0	H. BAY EUR.WAT.FT. FUEL D	338	11/30/92	8.0	-8.000	-9.000	-9.0000	-9	-9
10006.0	BODEGA BAY-MASON'S MARINA	306	2/25/93	14.0	0.032	-9.000	-9.0000	-9	-9
10007.0	BODEGA BAY-SPUD POINT MARINA	307	2/25/93	14.0	0.026	-9.000	-9.0000	-9	-9
10028.0	BODEGA BAY PORTO BODEGA MARINA	328	2/25/93	14.0	0.046	-9.000	-9.0000	-9	-9
10031.0	MOUTH OF ESTERO AMERICANO	331	2/26/93	14.0	0.058	-9.000	-9.0000	-9	-9

## SECTION IV

### *Strongylocentrotus purpuratus* Fertilization in Pore Water



*Strongylocentrotus purpuratus* PERCENT FERTILIZATION IN PORE WATER, AND WATER QUALITY (mg/L)

STANUM STATION	IDORG	DATE	LEG	METADATA	CTRL	SPPFI00_MN	SPPFI00_SD	SPPFI00_SG	SPPFI00TOX	SPPFI00 MN
10004.0	ARCATA BAY-MCDANIEL SL.	304	11/30/92	8.0	-9	95.00	2.50	*	-9	-9.00
10015.0	ARCATA BAY-MAD RIVER SL.	315	11/30/92	8.0	-9	99.80	0.40	ns	-9	-9.00
10016.0	ARCATA BAY-JOLLY GIANT SL	316	11/30/92	8.0	-9	97.20	1.30	*	-9	-9.00
10017.0	ARCATA BAY-EUREKA SL.	317	11/29/92	8.0	-9	99.00	1.00	ns	-9	-9.00
10018.0	H. BAY-UNION OIL PLANT	318	11/29/92	8.0	-9	97.10	2.40	ns	-9	-9.00
10019.0	H. BAY-COAL/OIL/GAS PLANT	319	11/29/92	8.0	-9	99.40	0.50	ns	-9	-9.00
10020.0	H. BAY-OLD PAC. LUMBER SITE	320	11/29/92	8.0	-9	99.40	0.50	ns	-9	-9.00
10021.0	H. BAY-CHEVRON TERMINAL	321	11/29/92	8.0	-9	0.00	0.00	*	-9	-9.00
14001.0	EUREKA WATERFRONT H STREET	322	11/29/92	8.0	-9	99.40	0.90	ns	-9	-9.00
10023.0	H. BAY EUREKA STORM 23	323	11/29/92	8.0	-9	99.80	0.40	ns	-9	-9.00
10024.0	H. BAY FIELDS LANDING	324	11/29/92	8.0	-9	41.40	17.10	*	-9	-9.00
10025.0	H. BAY HOOKTON SL.	325	11/29/92	8.0	-9	100.00	0.00	ns	-9	-9.00
10036.0	SOUTHPORT CHANNEL-33B	336	11/30/92	8.0	-9	98.10	1.90	ns	-9	-9.00
10037.0	H. BAY-MOUTH OF ELK RIVER	337	11/30/92	8.0	-9	99.60	0.90	ns	-9	-9.00
14004.0	DAVENPORT MARINE	338	11/30/92	8.0	-9	99.40	0.50	ns	-9	-9.00
10005.0	RUSSIAN RIVER MOUTH SMW 280.0	305	2/25/93	14.0	-9	-9.00	-9.00	-9	-9	-9.00
10006.0	BODEGA BAY-MASON'S MARINA	306	2/25/93	14.0	-9	92.50	8.70	ns	-9	-9.00
10007.0	BODEGA BAY-SPUD POINT MARINA	307	2/25/93	14.0	-9	99.00	0.70	ns	-9	-9.00
10028.0	BODEGA BAY PORTO BODEGA MARINA	328	2/25/93	14.0	-9	99.60	0.90	ns	-9	-9.00
10029.0	ESTERO AMERICANO-VALLEY FORD	329	2/25/93	14.0	-9	-9.00	-9.00	-9	-9	-9.00
10030.0	ESTERO DE SAN ANTONIO-VALLEY F	330	2/25/93	14.0	-9	-9.00	-9.00	-9	-9	-9.00
10031.0	MOUTH OF ESTERO AMERICANO	331	2/26/93	14.0	-9	99.00	1.00	ns	-9	-9.00
10032.0	MOUTH OF ESTERO DE SAN ANTONIO	332	2/26/93	14.0	-9	-9.00	-9.00	-9	-9	-9.00
10039.0	UNCONTAMINATED SITE-33C	339	2/25/93	14.0	-9	-9.00	-9.00	-9	-9	-9.00
10040.0	UNCONTAMINATED SITE-33D	340	2/26/93	14.0	-9	-9.00	-9.00	-9	-9	-9.00
10041.0	SALMON CREEK-34L	341	2/25/93	14.0	-9	-9.00	-9.00	-9	-9	-9.00
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	900	6/22/93	20.0	-9	-7.00	-7.00	-9	-9	82.10
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	901	6/22/93	20.0	-9	-7.00	-7.00	-9	-9	76.20
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	902	6/22/93	20.0	-9	-7.00	-7.00	-9	-9	84.20
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	906	6/22/93	21.0	-9	5.10	3.70	*	-9	20.90
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	907	6/22/93	21.0	-9	16.00	6.30	*	-9	68.40
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	908	6/22/93	21.0	-9	7.40	4.00	*	-9	15.30
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	912	6/22/93	22.0	-9	-7.00	-7.00	-9	-9	44.60
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	913	6/22/93	22.0	-9	-7.00	-7.00	-9	-9	71.30
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	914	6/22/93	22.0	-9	-7.00	-7.00	-9	-9	95.80
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	915	6/22/93	23.0	-9	40.10	21.40	*	-9	84.00



*Strongylocentrotus purpuratus* PERCENT FERTILIZATION IN PORE WATER, AND WATER QUALITY (mg/L)

STANUM	STATION	IDORG	DATE	LEG	METADATA	CTRL	SPPF100_MN	SPPF100_SD	SPPF100_SG	SPPF100_TOX	SPPF50_MN
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	916	6/22/93	23.0	-9	-9	84.20	18.30	ns	-9	68.20
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	917	6/22/93	23.0	-9	-9	84.10	0.90	ns	-9	78.00
	CONTROL-CH2			32.0	toxmeta.wpd	-9	-9.00	-9.00	-9	-9	-9.00
	CONTROL-CH3			32.0	toxmeta.wpd	-9	-9.00	-9.00	-9	-9	-9.00
	CONTROL-CHI1			32.0	toxmeta.wpd	-9	-9.00	-9.00	-9	-9	-9.00
10040.0	UNCONTAMINATED SITE-33D	1321	5/16/94	32.0	toxmeta.wpd	-9	-9.00	-9.00	-9	-9	-9.00
10031.0	MOUTH OF ESTERO AMERICANO	1322	5/16/94	32.0	toxmeta.wpd	-9	-9.00	-9.00	-9	-9	-9.00
	CONTROL-CHI1			33.0	toxmeta.wpd	-9	-9.00	-9.00	-9	-9	-9.00
10006.0	BODEGA BAY-MASON'S MARINA REP1	1350	6/14/94	33.0	toxmeta.wpd	-9	-9.00	-9.00	-9	-9	-9.00
10006.0	BODEGA BAY-MASON'S MARINA REP2	1351	6/14/94	33.0	toxmeta.wpd	-9	-9.00	-9.00	-9	-9	-9.00
10006.0	BODEGA BAY-MASON'S MARINA REP3	1352	6/14/94	33.0	toxmeta.wpd	-9	-9.00	-9.00	-9	-9	-9.00
10007.0	BODEGA-SPUD POINT MARINA REP1	1353	6/13/94	33.0	toxmeta.wpd	-9	-9.00	-9.00	-9	-9	-9.00
10007.0	BODEGA-SPUD POINT MARINA REP2	1354	6/13/94	33.0	toxmeta.wpd	-9	-9.00	-9.00	-9	-9	-9.00
10007.0	BODEGA-SPUD POINT MARINA REP3	1355	6/13/94	33.0	toxmeta.wpd	-9	-9.00	-9.00	-9	-9	-9.00
10028.0	PORTO BODEGA MARINA REP1	1356	6/14/94	33.0	toxmeta.wpd	-9	-9.00	-9.00	-9	-9	-9.00
10028.0	PORTO BODEGA MARINA REP2	1357	6/14/94	33.0	toxmeta.wpd	-9	-9.00	-9.00	-9	-9	-9.00
10028.0	PORTO BODEGA MARINA REP3	1358	6/14/94	33.0	toxmeta.wpd	-9	-9.00	-9.00	-9	-9	-9.00
10040.0	UNCONTAMINATED SITE-33D REP1	1359	6/13/94	33.0	toxmeta.wpd	-9	-9.00	-9.00	-9	-9	-9.00
10040.0	UNCONTAMINATED SITE-33D REP2	1360	6/13/94	33.0	toxmeta.wpd	-9	-9.00	-9.00	-9	-9	-9.00
10040.0	UNCONTAMINATED SITE-33D REP3	1361	6/13/94	33.0	toxmeta.wpd	-9	-9.00	-9.00	-9	-9	-9.00
	CONTROL-CHI			42.0	toxmeta5	CHI	-9.00	-9.00	-9	-9	-9.00
14004.0	DAVENPORT MARINE	1578	4/17/96	42.0	toxmeta5	CHI	-9.00	-9.00	-9	-9	-9.00
10023.0	H. BAY EUREKA STORM 23	1579	4/17/96	42.0	toxmeta5	CHI	-9.00	-9.00	-9	-9	-9.00
10016.0	ARCATA BAY-JOLLY GIANT SL.	1580	4/18/96	42.0	toxmeta5	CHI	-9.00	-9.00	-9	-9	-9.00
10017.0	ARCATA BAY-EUREKA SL.	1581	4/17/96	42.0	toxmeta5	CHI	-9.00	-9.00	-9	-9	-9.00
10021.0	II. BAY-CHEVRON TERMINAL.	1582	4/17/96	42.0	toxmeta5	CHI	-9.00	-9.00	-9	-9	-9.00
10019.0	H. BAY-COAL/OIL/GAS PLANT	1583	4/17/96	42.0	toxmeta5	CHI	-9.00	-9.00	-9	-9	-9.00
10018.0	H. BAY-UNION OIL PLANT	1584	4/17/96	42.0	toxmeta5	CHI	-9.00	-9.00	-9	-9	-9.00
15001.0	H. BAY- HALBERSON SHORELINE	1585	4/17/96	42.0	toxmeta5	CHI	-9.00	-9.00	-9	-9	-9.00
14002.0	EUREKA WATERFRONT- J STREET	1586	4/17/96	42.0	toxmeta5	CHI	-9.00	-9.00	-9	-9	-9.00
14001.0	EUREKA WATERFRONT- H STREET	1587	4/17/96	42.0	toxmeta5	CHI	-9.00	-9.00	-9	-9	-9.00
	CONTROL-CI			47.0	toxdata7.wpd	CI	-9.00	-9.00	-9	-9	-9.00
10006.0	BODEGA BAY - MASON'S MARINA	1682	12/6/96	47.0	toxdata7.wpd	CI	-9.00	-9.00	-9	-9	-9.00
10007.0	BODEGA - SPUD POINT MARINA	1683	12/5/96	47.0	toxdata7.wpd	CI	-9.00	-9.00	-9	-9	-9.00
10028.0	PORTO BODEGA MARINA	1684	12/6/96	47.0	toxdata7.wpd	CI	-9.00	-9.00	-9	-9	-9.00
10040.0	UNCONTAMINATED SITE	1685	12/6/96	47.0	toxdata7.wpd	CI	-9.00	-9.00	-9	-9	-9.00

*Strongylocentrotus purpuratus* PERCENT FERTILIZATION IN PORE WATER, AND WATER QUALITY (mg/L)

STANUM	STATION	IDORG	DATE	LEG	SPP150_SD	SPP150_SG	SPP150_TOX	SPP125_MIN	SPP125_SD	SPP125_SG
10004.0	ARCATA BAY-MCDANIEL SL.	304	11/30/92	8.0	-9.00	-9	-9	-9.00	-9.00	-9
10015.0	ARCATA BAY-MAD RIVER SL.	315	11/30/92	8.0	-9.00	-9	-9	-9.00	-9.00	-9
10016.0	ARCATA BAY-JOLLY GIANT SL.	316	11/30/92	8.0	-9.00	-9	-9	-9.00	-9.00	-9
10017.0	ARCATA BAY-EUREKA SL.	317	11/29/92	8.0	-9.00	-9	-9	-9.00	-9.00	-9
10018.0	H. BAY-UNION OIL PLANT	318	11/29/92	8.0	-9.00	-9	-9	-9.00	-9.00	-9
10019.0	H. BAY-COAL/OIL/GAS PLANT	319	11/29/92	8.0	-9.00	-9	-9	-9.00	-9.00	-9
10020.0	H. BAY-OLD PAC. LUMBER SITE	320	11/29/92	8.0	-9.00	-9	-9	-9.00	-9.00	-9
10021.0	H. BAY-CHEVRON TERMINAL	321	11/29/92	8.0	-9.00	-9	-9	-9.00	-9.00	-9
14001.0	EUREKA WATERFRONT H STREET	322	11/29/92	8.0	-9.00	-9	-9	-9.00	-9.00	-9
10023.0	H. BAY EUREKA STORM 23	323	11/29/92	8.0	-9.00	-9	-9	-9.00	-9.00	-9
10024.0	H. BAY FIELDS LANDING	324	11/29/92	8.0	-9.00	-9	-9	-9.00	-9.00	-9
10025.0	H. BAY HOOKTON SL.	325	11/29/92	8.0	-9.00	-9	-9	-9.00	-9.00	-9
10036.0	SOUTHPORT CHANNEL-33B	336	11/30/92	8.0	-9.00	-9	-9	-9.00	-9.00	-9
10037.0	H. BAY-MOUTH OF ELK RIVER	337	11/30/92	8.0	-9.00	-9	-9	-9.00	-9.00	-9
14004.0	DAVENPORT MARINE	338	11/30/92	8.0	-9.00	-9	-9	-9.00	-9.00	-9
10005.0	RUSSIAN RIVER MOUTH SMW 280.0	305	2/25/93	14.0	-9.00	-9	-9	-9.00	-9.00	-9
10006.0	BODEGA BAY-MASON'S MARINA	306	2/25/93	14.0	-9.00	-9	-9	-9.00	-9.00	-9
10007.0	BODEGA BAY-SPUD POINT MARINA	307	2/25/93	14.0	-9.00	-9	-9	-9.00	-9.00	-9
10028.0	BODEGA BAY PORTO BODEGA MARINA	328	2/25/93	14.0	-9.00	-9	-9	-9.00	-9.00	-9
10029.0	ESTERO AMERICANO-VALLEY FORD	329	2/25/93	14.0	-9.00	-9	-9	-9.00	-9.00	-9
10030.0	ESTERO DE SAN ANTONIO-VALLEY F	330	2/25/93	14.0	-9.00	-9	-9	-9.00	-9.00	-9
10031.0	MOUTH OF ESTERO AMERICANO	331	2/26/93	14.0	-9.00	-9	-9	-9.00	-9.00	-9
10032.0	MOUTH OF ESTERO DE SAN ANTONIO	332	2/26/93	14.0	-9.00	-9	-9	-9.00	-9.00	-9
10039.0	UNCONTAMINATED SITE-33C	339	2/25/93	14.0	-9.00	-9	-9	-9.00	-9.00	-9
10040.0	UNCONTAMINATED SITE-33D	340	2/26/93	14.0	-9.00	-9	-9	-9.00	-9.00	-9
10041.0	SALMON CRPEK-34L	341	2/25/93	14.0	-9.00	-9	-9	-9.00	-9.00	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	900	6/22/93	20.0	5.60	ns	-9	85.60	12.80	ns
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	901	6/22/93	20.0	16.40	ns	-9	82.40	3.90	ns
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	902	6/22/93	20.0	13.40	ns	-9	77.80	6.30	ns
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	906	6/22/93	21.0	23.50	*	-9	70.60	13.60	ns
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	907	6/22/93	21.0	14.30	*	-9	37.70	32.20	ns
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	908	6/22/93	21.0	7.10	*	-9	80.10	6.10	ns
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	912	6/22/93	22.0	19.80	*	-9	70.70	20.50	ns
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	913	6/22/93	22.0	15.90	ns	-9	80.90	16.00	*
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	914	6/22/93	22.0	6.40	ns	-9	68.40	14.00	*
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	915	6/22/93	23.0	1.30	ns	-9	87.70	15.10	ns

*Strongylocentrotus purpuratus* PERCENT FERTILIZATION IN PORE WATER, AND WATER QUALITY (mg/L)

STANUM	STATION	IDORG	DATE	LEG	SPPF50_SD	SPPF50_SG	SPPF50_TOX	SPPF25_MN	SPPF25_SD	SPPF25_SG
10037.0	MEGAMUD-HUMBOLDT(BLK)-REP 2	916	6/22/93	23.0	54.00	HS	-9	93.70	2.10	*
10037.0	MEGAMUD-HUMBOLDT(BLK)-REP 3	917	6/22/93	23.0	38.10	HS	-9	97.80	3.00	HS
	CONTROL-CH2			32.0	-9.00	-9	-9	-9.00	-9.00	-9
	CONTROL-CH3			32.0	-9.00	-9	-9	-9.00	-9.00	-9
	CONTROL-CHI			32.0	-9.00	-9	-9	-9.00	-9.00	-9
10040.0	UNCONTAMINATED SITE-33D	1321	5/16/94	32.0	-9.00	-9	-9	-9.00	-9.00	-9
10031.0	MOUTH OF ESTERO AMERICANO	1322	5/16/94	32.0	-9.00	-9	-9	-9.00	-9.00	-9
	CONTROL-CHI			33.0	-9.00	-9	-9	-9.00	-9.00	-9
10006.0	BODEGA BAY-MASON'S MARINA REP1	1350	6/14/94	33.0	-9.00	-9	-9	-9.00	-9.00	-9
10006.0	BODEGA BAY-MASON'S MARINA REP2	1351	6/14/94	33.0	-9.00	-9	-9	-9.00	-9.00	-9
10006.0	BODEGA BAY-MASON'S MARINA REP3	1352	6/14/94	33.0	-9.00	-9	-9	-9.00	-9.00	-9
10007.0	BODEGA-SPUD POINT MARINA REP1	1353	6/13/94	33.0	-9.00	-9	-9	-9.00	-9.00	-9
10007.0	BODEGA-SPUD POINT MARINA REP2	1354	6/13/94	33.0	-9.00	-9	-9	-9.00	-9.00	-9
10007.0	BODEGA-SPUD POINT MARINA REP3	1355	6/13/94	33.0	-9.00	-9	-9	-9.00	-9.00	-9
10028.0	PORTO BODEGA MARINA REP1	1356	6/14/94	33.0	-9.00	-9	-9	-9.00	-9.00	-9
10028.0	PORTO BODEGA MARINA REP2	1357	6/14/94	33.0	-9.00	-9	-9	-9.00	-9.00	-9
10028.0	PORTO BODEGA MARINA REP3	1358	6/14/94	33.0	-9.00	-9	-9	-9.00	-9.00	-9
10040.0	UNCONTAMINATED SITE-33D REP1	1359	6/13/94	33.0	-9.00	-9	-9	-9.00	-9.00	-9
10040.0	UNCONTAMINATED SITE-33D REP2	1360	6/13/94	33.0	-9.00	-9	-9	-9.00	-9.00	-9
10040.0	UNCONTAMINATED SITE-33D REP3	1361	6/13/94	33.0	-9.00	-9	-9	-9.00	-9.00	-9
	CONTROL-CHI			42.0	-9.00	-9	-9	-9.00	-9.00	-9
14004.0	DAVENPORT MARINE	1578	4/17/96	42.0	-9.00	-9	-9	-9.00	-9.00	-9
10023.0	II. BAY EUREKA STORM 23	1579	4/17/96	42.0	-9.00	-9	-9	-9.00	-9.00	-9
10016.0	ARCATA BAY-JOLLY GIANT SL.	1580	4/18/96	42.0	-9.00	-9	-9	-9.00	-9.00	-9
10017.0	ARCATA BAY-EUREKA SL.	1581	4/17/96	42.0	-9.00	-9	-9	-9.00	-9.00	-9
10021.0	H. BAY-CHEVRON TERMINAL	1582	4/17/96	42.0	-9.00	-9	-9	-9.00	-9.00	-9
10019.0	H. BAY-COAJ/JOIL/GAS PLANT	1583	4/17/96	42.0	-9.00	-9	-9	-9.00	-9.00	-9
10018.0	H. BAY-UNION OIL PLANT	1584	4/17/96	42.0	-9.00	-9	-9	-9.00	-9.00	-9
15001.0	H. BAY- HALBERSON SHORELINE	1585	4/17/96	42.0	-9.00	-9	-9	-9.00	-9.00	-9
14002.0	EUREKA WATERFRONT- J STREET	1586	4/17/96	42.0	-9.00	-9	-9	-9.00	-9.00	-9
14001.0	EUREKA WATERFRONT- H STREET	1587	4/17/96	42.0	-9.00	-9	-9	-9.00	-9.00	-9
	CONTROL-CI			47.0	-9.00	-9	-9	-9.00	-9.00	-9
10006.0	BODEGA BAY - MASON'S MARINA	1682	12/6/96	47.0	-9.00	-9	-9	-9.00	-9.00	-9
10007.0	BODEGA - SPUD POINT MARINA	1683	12/5/96	47.0	-9.00	-9	-9	-9.00	-9.00	-9
10028.0	PORTO BODEGA MARINA	1684	12/6/96	47.0	-9.00	-9	-9	-9.00	-9.00	-9
10040.0	UNCONTAMINATED SITE	1685	12/6/96	47.0	-9.00	-9	-9	-9.00	-9.00	-9

*Strongylocentrotus purpuratus* PERCENT FERTILIZATION IN PORE WATER, AND WATER QUALITY (mg/L.)

STANUM STATION	IDORG	DATE	LEG	SPPZ5_TOX	SPPF_ITNHS	SPPF_IUNHS	SPPF_IH2S	SPPF_BATCII	SPPFQC
10004.0	ARCATA BAY-MCDANIEL SL.	11/30/92	8.0	-9	-9.000	0.021	-8.0000	-9	-9
10015.0	ARCATA BAY-MAD RIVER SL.	11/30/92	8.0	-9	-9.000	0.053	-8.0000	-9	-9
10016.0	ARCATA BAY-JOLLY GIANT SL.	11/30/92	8.0	-9	-9.000	0.041	-8.0000	-9	-9
10017.0	ARCATA BAY-EUREKA SL.	11/29/92	8.0	-9	-9.000	0.013	-8.0000	-9	-9
10018.0	H. BAY-UNION OIL PLANT	11/29/92	8.0	-9	-9.000	0.031	-8.0000	-9	-9
10019.0	H. BAY-COAL/OIL/GAS PLANT	11/29/92	8.0	-9	-9.000	0.022	-8.0000	-9	-9
10020.0	H. BAY-OLD PAC. LUMBER SITE	11/29/92	8.0	-9	-9.000	0.049	-8.0000	-9	-9
10021.0	H. BAY-CHEVRON TERMINAL	11/29/92	8.0	-9	-9.000	0.029	-8.0000	-9	-9
14001.0	EUREKA WATERFRONT H STREET	11/29/92	8.0	-9	-9.000	0.012	-8.0000	-9	-9
10023.0	H. BAY EUREKA STORM 23	11/29/92	8.0	-9	-9.000	0.054	-8.0000	-9	-9
10024.0	H. BAY FIELDS LANDING	11/29/92	8.0	-9	-9.000	0.035	-8.0000	-9	-9
10025.0	H. BAY HOOKTON SL.	11/29/92	8.0	-9	-9.000	0.021	-8.0000	-9	-9
10036.0	SOUTHPORT CHANNEL-33B	11/30/92	8.0	-9	-9.000	0.039	-8.0000	-9	-9
10037.0	H. BAY-MOUTH OF ELK RIVER	11/30/92	8.0	-9	-9.000	0.045	-8.0000	-9	-9
14004.0	DAVENPORT MARINE	11/30/92	8.0	-9	-9.000	0.059	-8.0000	-9	-9
10005.0	RUSSIAN RIVER MOUTH SMW 280.0	2/25/93	14.0	-9	-9.000	-9.000	-9.0000	-9	-9
10006.0	BODEGA BAY-MASON'S MARINA	2/25/93	14.0	-9	-9.000	0.105	-9.0000	-9	-9
10007.0	BODEGA BAY-SPUD POINT MARINA	2/25/93	14.0	-9	-9.000	0.038	-9.0000	-9	-9
10028.0	BODEGA BAY PORTO BODEGA MARINA	2/25/93	14.0	-9	-9.000	0.081	-9.0000	-9	-9
10029.0	ESTERO AMERICANO-VALLEY FORD	2/25/93	14.0	-9	-9.000	-9.000	-9.0000	-9	-9
10030.0	ESTERO DE SAN ANTONIO-VALLEY F	2/25/93	14.0	-9	-9.000	-9.000	-9.0000	-9	-9
10031.0	MOUTH OF ESTERO AMERICANO	2/26/93	14.0	-9	-9.000	0.016	-9.0000	-9	-9
10032.0	MOUTH OF ESTERO DE SAN ANTONIO	2/26/93	14.0	-9	-9.000	-9.000	-9.0000	-9	-9
10039.0	UNCONTAMINATED SITE-33C	2/25/93	14.0	-9	-9.000	-9.000	-9.0000	-9	-9
10040.0	UNCONTAMINATED SITE-33D	2/26/93	14.0	-9	-9.000	-9.000	-9.0000	-9	-9
10041.0	SALMON CREEK-34L	2/25/93	14.0	-9	-9.000	-9.000	-9.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	6/22/93	20.0	-9	-9.000	0.013	-8.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	6/22/93	20.0	-9	-9.000	0.012	-8.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	6/22/93	20.0	-9	-9.000	0.009	-8.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	6/22/93	21.0	-9	-9.000	0.018	-8.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	6/22/93	21.0	-9	-9.000	0.023	-8.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	6/22/93	21.0	-9	-9.000	0.023	-8.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	6/22/93	22.0	-9	-9.000	0.010	0.0013	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	6/22/93	22.0	-9	-9.000	0.013	-8.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	6/22/93	22.0	-9	-9.000	0.011	-8.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	6/22/93	23.0	-9	-9.000	0.056	-8.0000	-9	-9

*Strongylocentrotus purpuratus* PERCENT FERTILIZATION IN PORE WATER, AND WATER QUALITY (mg/L)

STANUM	STATION	IDORG	DATE	LEG	SPE25_TOX	SPEF_IEMH3	SPEF_IUMH3	SPEF_IH2S	SPEF_BATCEI	SPTQC
10037.0	MEGAMUD-HUMBOLDT(EL.K)-REP 2	916	6/22/93	23.0	-9	-9.000	0.058	-8.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(EL.K)-REP 3	917	6/22/93	23.0	-9	-9.000	0.050	-8.0000	-9	-9
	CONTROL-CH2			32.0	-9	-9.000	-9.000	-9.0000	-9	-9
	CONTROL-CH3			32.0	-9	-9.000	-9.000	-9.0000	-9	-9
	CONTROL-CHI			32.0	-9	-9.000	-9.000	-9.0000	-9	-9
10040.0	UNCONTAMINATED SITE-33D	1321	5/16/94	32.0	-9	-9.000	-9.000	-9.0000	-9	-9
10031.0	MOUTH OF ESTERO AMERICANO	1322	5/16/94	32.0	-9	-9.000	-9.000	-9.0000	-9	-9
	CONTROL-CHI			33.0	-9	-9.000	-9.000	-9.0000	-9	-9
10006.0	BODEGA BAY-MASON'S MARINA REP1	1350	6/14/94	33.0	-9	-9.000	-9.000	-9.0000	-9	-9
10006.0	BODEGA BAY-MASON'S MARINA REP2	1351	6/14/94	33.0	-9	-9.000	-9.000	-9.0000	-9	-9
10006.0	BODEGA BAY-MASON'S MARINA REP3	1352	6/14/94	33.0	-9	-9.000	-9.000	-9.0000	-9	-9
10007.0	BODEGA-SPUD POINT MARINA REP1	1353	6/13/94	33.0	-9	-9.000	-9.000	-9.0000	-9	-9
10007.0	BODEGA-SPUD POINT MARINA REP2	1354	6/13/94	33.0	-9	-9.000	-9.000	-9.0000	-9	-9
10007.0	BODEGA-SPUD POINT MARINA REP3	1355	6/13/94	33.0	-9	-9.000	-9.000	-9.0000	-9	-9
10028.0	PORTO BODEGA MARINA REP1	1356	6/14/94	33.0	-9	-9.000	-9.000	-9.0000	-9	-9
10028.0	PORTO BODEGA MARINA REP2	1357	6/14/94	33.0	-9	-9.000	-9.000	-9.0000	-9	-9
10028.0	PORTO BODEGA MARINA REP3	1358	6/14/94	33.0	-9	-9.000	-9.000	-9.0000	-9	-9
10040.0	UNCONTAMINATED SITE-33D REP1	1359	6/13/94	33.0	-9	-9.000	-9.000	-9.0000	-9	-9
10040.0	UNCONTAMINATED SITE-33D REP2	1360	6/13/94	33.0	-9	-9.000	-9.000	-9.0000	-9	-9
10040.0	UNCONTAMINATED SITE-33D REP3	1361	6/13/94	33.0	-9	-9.000	-9.000	-9.0000	-9	-9
	CONTROL-CHI			42.0	-9	-9.000	-9.000	-9.0000	-9	-9
14004.0	DAVENPORT MARINE	1578	4/17/96	42.0	-9	-9.000	-9.000	-9.0000	-9	-9
10023.0	H. BAY EUREKA STORM 23	1579	4/17/96	42.0	-9	-9.000	-9.000	-9.0000	-9	-9
10016.0	ARCATA BAY-JOLLY GIANT SL.	1580	4/18/96	42.0	-9	-9.000	-9.000	-9.0000	-9	-9
10017.0	ARCATA BAY-EUREKA SL.	1581	4/17/96	42.0	-9	-9.000	-9.000	-9.0000	-9	-9
10021.0	H. BAY-CHEVRON TERMINAL	1582	4/17/96	42.0	-9	-9.000	-9.000	-9.0000	-9	-9
10019.0	H. BAY-COAL/OIL/GAS PLANT	1583	4/17/96	42.0	-9	-9.000	-9.000	-9.0000	-9	-9
10018.0	H. BAY-UNION OIL PLANT	1584	4/17/96	42.0	-9	-9.000	-9.000	-9.0000	-9	-9
15001.0	H. BAY - HALBERSON SHORELINE	1585	4/17/96	42.0	-9	-9.000	-9.000	-9.0000	-9	-9
14002.0	EUREKA WATERFRONT- J STREET	1586	4/17/96	42.0	-9	-9.000	-9.000	-9.0000	-9	-9
14001.0	EUREKA WATERFRONT- II STREET	1587	4/17/96	42.0	-9	-9.000	-9.000	-9.0000	-9	-9
	CONTROL-CI			47.0	-9	-9.000	-9.000	-9.0000	-9	-9
10006.0	BODEGA BAY - MASON'S MARINA	1682	12/6/96	47.0	-9	-9.000	-9.000	-9.0000	-9	-9
10007.0	BODEGA - SPUD POINT MARINA	1683	12/5/96	47.0	-9	-9.000	-9.000	-9.0000	-9	-9
10028.0	PORTO BODEGA MARINA	1684	12/6/96	47.0	-9	-9.000	-9.000	-9.0000	-9	-9
10040.0	UNCONTAMINATED SITE	1685	12/6/96	47.0	-9	-9.000	-9.000	-9.0000	-9	-9

## SECTION V

### *Strongylocentrotus purpuratus* Development in Pore Water



*Strongylocentrotus purpuratus* PERCENT NORMAL DEVELOPMENT IN PORE WATER, AND WATER QUALITY (mg/L)

STANUM	STATION	IDORG	DATE	LEG	METADATA	CTRL	SPPD100_MN	SPPD100_SD	SPPD100_SG	SPPD100_TOX	SPPD50_MN
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	900	6/22/93	20.0	-9	-9	95.20	1.10	*	NT	87.60
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	901	6/22/93	20.0	-9	-9	98.70	0.60	ns	NT	93.70
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	902	6/22/93	20.0	-9	-9	95.70	2.10	ns	NT	93.40
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	906	6/22/93	21.0	-9	-9	32.70	56.60	ns	NT	63.70
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	907	6/22/93	21.0	-9	-9	31.10	53.80	ns	NT	94.70
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	908	6/22/93	21.0	-9	-9	63.10	54.70	ns	NT	63.40
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	912	6/22/93	22.0	-9	-9	94.00	2.00	ns	NT	92.10
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	913	6/22/93	22.0	-9	-9	88.00	6.10	*	NT	95.00
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	914	6/22/93	22.0	-9	-9	85.00	3.90	ns	-9	91.50
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	915	6/22/93	23.0	-9	-9	94.90	1.20	*	NT	91.90
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	916	6/22/93	23.0	-9	-9	94.00	1.10	ns	NT	92.40
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	917	6/22/93	23.0	-9	-9	94.60	1.30	ns	NT	96.70



*Strongylocentrotus purpuratus* PERCENT NORMAL DEVELOPMENT IN PORE WATER, AND WATER QUALITY (mg/L)

STANUM	STATION	IDORG	DATE	LEG	SPPD50_SD	SPPD50_SG	SPPD50_TOX	SPPD25_MN	SPPD25_SD	SPPD25_SG
10037.0	MEGAMUID-HUMBOLDT(ELK)-REP 1	900	6/22/93	20.0	4.40	ns	NT	94.60	2.70	ns
10037.0	MEGAMUID-HUMBOLDT(ELK)-REP 2	901	6/22/93	20.0	3.50	ns	NT	91.30	8.30	ns
10037.0	MEGAMUID-HUMBOLDT(ELK)-REP 3	902	6/22/93	20.0	2.00	ns	NT	80.10	24.30	ns
10037.0	MEGAMUID-HUMBOLDT(ELK)-REP 1	906	6/22/93	21.0	55.20	ns	NT	63.10	54.70	ns
10037.0	MEGAMUID-HUMBOLDT(ELK)-REP 2	907	6/22/93	21.0	5.90	ns	NT	96.70	1.20	ns
10037.0	MEGAMUID-HUMBOLDT(ELK)-REP 3	908	6/22/93	21.0	54.90	ns	NT	61.50	51.60	ns
10037.0	MEGAMUID-HUMBOLDT(ELK)-REP 1	912	6/22/93	22.0	3.40	ns	NT	94.40	2.10	ns
10037.0	MEGAMUID-HUMBOLDT(ELK)-REP 2	913	6/22/93	22.0	2.80	ns	NT	94.70	3.80	ns
10037.0	MEGAMUID-HUMBOLDT(ELK)-REP 3	914	6/22/93	22.0	6.80	ns	-9	90.70	4.20	ns
10037.0	MEGAMUID-HUMBOLDT(ELK)-REP 1	915	6/22/93	23.0	4.00	ns	NT	94.00	1.80	ns
10037.0	MEGAMUID-HUMBOLDT(ELK)-REP 2	916	6/22/93	23.0	4.90	ns	NT	94.30	4.00	ns
10037.0	MEGAMUID-HUMBOLDT(ELK)-REP 3	917	6/22/93	23.0	1.70	ns	NT	96.90	2.90	ns

*Strongylocentrotus purpuratus* PERCENT NORMAL DEVELOPMENT IN PORE WATER, AND WATER QUALITY (mg/L)

STANUM	STATION	IDORG	DATE	LEG	SPPD25	TOX	SPPD_BATCH	SPPDQC	SPPD_ITNH3	SPPD_IUNH3	SPPD_IH2S
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	900	6/22/93	20.0	NT	-9	-9	-9.000	0.013	-8.0000	
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	901	6/22/93	20.0	NT	-9	-9	-9.000	0.012	-8.0000	
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	902	6/22/93	20.0	NT	-9	-9	-9.000	0.009	-8.0000	
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	906	6/22/93	21.0	NT	-9	-9	-9.000	0.029	-8.0000	
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	907	6/22/93	21.0	NT	-9	-9	-9.000	0.025	-8.0000	
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	908	6/22/93	21.0	NT	-9	-9	-9.000	0.024	-8.0000	
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	912	6/22/93	22.0	NT	-9	-9	-9.000	0.011	0.0013	
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	913	6/22/93	22.0	NT	-9	-9	-9.000	0.011	-8.0000	
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	914	6/22/93	22.0	-9	-9	-9	-9.000	0.009	-8.0000	
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	915	6/22/93	23.0	NT	-9	-9	-9.000	0.008	-8.0000	
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	916	6/22/93	23.0	NT	-9	-9	-9.000	0.008	-8.0000	
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	917	6/22/93	23.0	NT	-9	-9	-9.000	0.010	-8.0000	



## SECTION VI

### *Strongylocentrotus purpuratus* Development in Sediment/Water Interface



*Strongylocentrotus purpuratus* PERCENT NORMAL DEVELOPMENT IN SEDIMENT/WATER INTERFACE, AND WATER QUALITY (mg/L.)

STANUM	STATION	IDORG	DATE	LEG	METADATA	CTRI	SPDI_MN	SPDI_SD	SPDI_SG	SPDI_TOX	SPDI_BATQ_U	SPDIQC
10006.0	BODEGA BAY - MASON'S MARINA	1682	12/6/96	47.0	toxdata7.wpd	C1	96.00	5.00	ns	NT	147ispdswi	-3
10007.0	BODEGA - SPUD POINT MARINA	1683	12/5/96	47.0	toxdata7.wpd	C1	41.00	46.00	*	T	147ispdswi	-4
10028.0	PORTO BODEGA MARINA	1684	12/6/96	47.0	toxdata7.wpd	C1	80.00	32.00	ns	NT	147ispdswi	-4
10040.0	UNCONTAMINATED SITE	1685	12/6/96	47.0	toxdata7.wpd	C1	98.00	2.00	ns	NT	147ispdswi	-3
	CONTROL			47.0	toxdata7.wpd	C1	97.00	1.00	.9	-9	147ispdswi	-3

*Strongylocentrotus purpuratus* PERCENT NORMAL DEVELOPMENT IN SEDIMENT/WATER INTERFACE, AND WATER QUALITY (mg/L)

STANUM	STATION	IDORG	DATE	LEG	SPDI_OTNH3	SPDI_OUNH3	SPDI_OH2S
10006.0	BODEGA BAY - MASON'S MARINA	1682	12/6/96	47.0	1.800	0.016	0.0156
10007.0	BODEGA - SPUD POINT MARINA	1683	12/5/96	47.0	7.300	0.052	0.0102
10028.0	PORTO BODEGA MARINA	1684	12/6/96	47.0	1.500	0.015	0.0225
10040.0	UNCONTAMINATED SITE	1685	12/6/96	47.0	1.000	0.010	0.0028
	CONTROL			47.0	-8.000	-8.000	0.0010

## SECTION VII

### *Mytilus* spp. Larval Development in Subsurface Water





*Mytilus* spp. PERCENT NORMAL LARVAL SHELL DEVELOPMENT IN SUBSURFACE WATER, AND WATER QUALITY (mg/L)

STANUM	STATION	IDORG	DATE	LBG	METADATA	CTRL.	MES100_MN	MES100_SD	MES100_SG	MES100_TOX	MES_OHNB3
10005.0	RUSSIAN RIVER MOUTH SMW 280.0	305	2/25/93	14.0	-9	-9	69.20	6.00	ns	NT	0.007
10029.0	ESTERO AMERICANO-VALLEY FORD	329	2/25/93	14.0	-9	-9	69.40	9.20	ns	NT	0.017
10030.0	ESTERO DE SAN ANTONIO-VALLEY F	330	2/25/93	14.0	-9	-9	63.50	6.70	*	NT	0.015
10032.0	MOUTH OF ESTERO DE SAN ANTONIO	332	2/26/93	14.0	-9	-9	69.50	5.80	ns	NT	0.016
10039.0	UNCONTAMINATED SITE-33C	339	2/25/93	14.0	-9	-9	68.20	8.00	ns	NT	-8.000
10040.0	UNCONTAMINATED SITE-33D	340	2/26/93	14.0	-9	-9	76.70	7.90	ns	NT	0.008
10041.0	SALMON CREEK-34L	341	2/25/93	14.0	-9	-9	62.90	6.30	*	NT	-8.000

*Mytilus* spp. PERCENT NORMAL LARVAL SHELL DEVELOPMENT IN SUBSURFACE WATER, AND WATER QUALITY (mg/L)

STANUM	STATION	IDORG	DATE	LEG	MES_OTNH3	MES_OH2S	MES_BATCH	MESQC
10005.0	RUSSIAN RIVER MOUTH SMW 280.0	305	2/25/93	14.0	-9.000	-9.00000	-9	-9
10029.0	ESTERO AMERICANO-VALLEY FORD	329	2/25/93	14.0	-9.000	-9.00000	-9	-9
10030.0	ESTERO DE SAN ANTONIO-VALLEY F	330	2/25/93	14.0	-9.000	-9.00000	-9	-9
10032.0	MOUTH OF ESTERO DE SAN ANTONIO	332	2/26/93	14.0	-9.000	-9.00000	-9	-9
10039.0	UNCONTAMINATED SITE-33C	339	2/25/93	14.0	-9.000	-9.00000	-9	-9
10040.0	UNCONTAMINATED SITE-33D	340	2/26/93	14.0	-9.000	-9.00000	-9	-9
10041.0	SALMON CREEK-34L	341	2/25/93	14.0	-9.000	-9.00000	-9	-9

## SECTION VIII

### *Mytilus* spp. Larval Development in Pore Water



*Aquifas* spp. PERCENT NORMAL LARVAL SHELL DEVELOPMENT IN PORE WATER, AND WATER QUALITY (mg/L)

STANUM	STATION	IDORG	DATE	LEG	METADATA	CTRL	MEP100_MN	MEP100_SD	MEP100_SG	MEP100_TOX	MEP100_T	MEP100_TOX	MEP100_T	MEP100_TOX	MEP100_T	MEP100_TOX
10005.0	RUSSIAN RIVER MOUTH SMW 280.0	305	2/25/93	14.0	-9	-9	57.70	6.30	*	NT	NT	-9.000	-9.000	0.009	0.009	0.009
10029.0	ESTERO AMERICANO-VALLEY FORD	329	2/25/93	14.0	-9	-9	0.30	0.60	*	T	T	-9.000	-9.000	0.634	0.634	0.634
10030.0	ESTERO DE SAN ANTONIO-VALLEY F	330	2/25/93	14.0	-9	-9	4.70	1.90	*	T	T	-9.000	-9.000	0.208	0.208	0.208
10032.0	MOUTH OF ESTERO DE SAN ANTONIO	332	2/26/93	14.0	-9	-9	0.30	0.60	*	T	T	-9.000	-9.000	0.068	0.068	0.068
10039.0	UNCONTAMINATED SITE-33C	339	2/25/93	14.0	-9	-9	16.70	5.00	*	T	T	-9.000	-9.000	0.705	0.705	0.705
10040.0	UNCONTAMINATED SITE-33D	340	2/26/93	14.0	-9	-9	27.20	13.10	*	T	T	-9.000	-9.000	0.079	0.079	0.079
10041.0	SALMON CREEK-34L	341	2/25/93	14.0	-9	-9	7.80	5.30	*	T	T	-9.000	-9.000	0.046	0.046	0.046

*Amythias* spp. PERCENT NORMAL LARVAL SHELL DEVELOPMENT IN PORE WATER, AND WATER QUALITY (mg/L)

STANUM	STATION	IDORG	DATE	LEG	MEP	MEP	MEP	BATCH	MEPQC
10005.0	RUSSIAN RIVER MOUTH SMW 280.0	305	2/25/93	14.0	-8.0000	-9	-9	-9	-9
10029.0	ESTERO AMERICANO-VALLEY FORD	329	2/25/93	14.0	-8.0000	-9	-9	-9	-9
10030.0	ESTERO DE SAN ANTONIO-VALLEY F	330	2/25/93	14.0	-8.0000	-9	-9	-9	-9
10032.0	MOUTH OF ESTERO DE SAN ANTONIO	332	2/26/93	14.0	-8.0000	-9	-9	-9	-9
10039.0	UNCONTAMINATED SITE-33C	339	2/25/93	14.0	-8.0000	-9	-9	-9	-9
10040.0	UNCONTAMINATED SITE-33D	340	2/26/93	14.0	-8.0000	-9	-9	-9	-9
10041.0	SALMON CREEK-34L	341	2/25/93	14.0	-8.0000	-9	-9	-9	-9

## SECTION IX

### *Neanthes arenaceodentata* Solid Phase Survival and Growth Weight Change





*Neanthès arenaceodontata* PERCENT SURVIVAL AND WEIGHT CHANGE (mg) FOR SOLID PHASE TEST, AND WATER QUALITY (mg/L)

STANUM	STATION	IDORG	DATE	LEG	METADATA	CTRL	NASURY_MN	NASURY_SD	NASURY_SG	NASURY_FOX
10004.0	ARCATA BAY-MCDANIEL SL.	304	11/30/92	8.0	-9	-9	100.00	0.00	ns	NT
10015.0	ARCATA BAY-MAD RIVER SL.	315	11/30/92	8.0	-9	-9	96.00	9.00	ns	NT
10016.0	ARCATA BAY-JOLLY GIANT SL.	316	11/30/92	8.0	-9	-9	100.00	0.00	ns	NT
10017.0	ARCATA BAY-EUREKA SL.	317	11/29/92	8.0	-9	-9	96.00	9.00	ns	NT
10018.0	H. BAY-UNION OIL PLANT	318	11/29/92	8.0	-9	-9	96.00	9.00	ns	NT
10019.0	H. BAY-COAL/OIL/GAS PLANT	319	11/29/92	8.0	-9	-9	88.00	27.00	ns	NT
10020.0	H. BAY-OLD PAC. LUMBER SITE	320	11/29/92	8.0	-9	-9	92.00	18.00	ns	NT
10021.0	H. BAY-CHEVRON TERMINAL	321	11/29/92	8.0	-9	-9	88.00	27.00	ns	NT
14001.0	EUREKA WATERFRONT II STREET	322	11/29/92	8.0	-9	-9	96.00	9.00	ns	NT
10023.0	H. BAY EUREKA STORM 23	323	11/29/92	8.0	-9	-9	100.00	0.00	ns	NT
10024.0	H. BAY FIELDS LANDING	324	11/29/92	8.0	-9	-9	68.00	46.00	ns	NT
10025.0	H. BAY HOOKTON SL.	325	11/29/92	8.0	-9	-9	96.00	9.00	ns	NT
10036.0	SOUTHPORT CHANNEL-33B	336	11/30/92	8.0	-9	-9	76.00	43.00	ns	NT
10037.0	H. BAY-MOUTH OF ELK RIVER	337	11/30/92	8.0	-9	-9	92.00	11.00	ns	NT
14004.0	DAVENPORT MARINE	338	11/30/92	8.0	-9	-9	98.00	9.00	ns	NT
10005.0	RUSSIAN RIVER MOUTH SMW 280.0	305	2/25/93	14.0	-9	-9	-9.00	-9.00	-9	-9
10006.0	BODEGA BAY-MASON'S MARINA	306	2/25/93	14.0	-9	-9	-9.00	-9.00	-9	-9
10007.0	BODEGA BAY-SPUD POINT MARINA	307	2/25/93	14.0	-9	-9	-9.00	-9.00	-9	-9
10028.0	BODEGA BAY PORTO BODEGA MARINA	328	2/25/93	14.0	-9	-9	-9.00	-9.00	-9	-9
10029.0	ESTERO AMERICANO-VALLEY FORD	329	2/25/93	14.0	-9	-9	-9.00	-9.00	-9	-9
10030.0	ESTERO DE SAN ANTONIO-VALLEY F	330	2/25/93	14.0	-9	-9	-9.00	-9.00	-9	-9
10031.0	MOUTH OF ESTERO AMERICANO	331	2/26/93	14.0	-9	-9	-9.00	-9.00	-9	-9
10032.0	MOUTH OF ESTERO DE SAN ANTONIO	332	2/26/93	14.0	-9	-9	-9.00	-9.00	-9	-9
10039.0	UNCONTAMINATED SITE-33C	339	2/25/93	14.0	-9	-9	-9.00	-9.00	-9	-9
10040.0	UNCONTAMINATED SITE-33D	340	2/26/93	14.0	-9	-9	-9.00	-9.00	-9	-9
10041.0	SALMON CREEK-34L	341	2/25/93	14.0	-9	-9	-9.00	-9.00	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	900	6/22/93	20.0	-9	-9	-9.00	-9.00	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	901	6/22/93	20.0	-9	-9	-9.00	-9.00	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	902	6/22/93	20.0	-9	-9	-9.00	-9.00	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	906	6/22/93	21.0	-9	-9	80.00	24.50	ns	NT
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	907	6/22/93	21.0	-9	-9	88.00	11.00	ns	NT
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	908	6/22/93	21.0	-9	-9	88.00	17.90	ns	NT
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	912	6/22/93	22.0	-9	-9	-9.00	-9.00	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	913	6/22/93	22.0	-9	-9	-9.00	-9.00	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	914	6/22/93	22.0	-9	-9	-9.00	-9.00	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	915	6/22/93	23.0	-9	-9	96.00	8.90	ns	NT

*Neolithes arenaceodentata* PERCENT SURVIVAL AND WEIGHT CHANGE (mg) FOR SOLID PHASE TEST, AND WATER QUALITY (mg/L)

STANUM	STATION	IDORG	DATE	LEG	METADATA	CTRL	NASURV_MN	NASURV_SD	NASURV_SG	NASURV_TOX
10037.0	MEGAMUID-HUMBOLDT(ELK)-REP 2	916	6/22/93	23.0	-9	-9	92.00	17.90	ns	NT
10037.0	MEGAMUID-HUMBOLDT(ELK)-REP 3	917	6/22/93	23.0	-9	-9	100.00	0.00	ns	NT
	CONTROL-CH2			32.0	toxmeta.wpd	-9	-9.00	-9.00	-9	-9
	CONTROL-CH3			32.0	toxmeta.wpd	-9	-9.00	-9.00	-9	-9
	CONTROL-CH1			32.0	toxmeta.wpd	-9	96.00	9.00	-9	-9
10040.0	UNCONTAMINATED SITE-33D	1321	5/16/94	32.0	toxmeta.wpd	-9	92.00	17.89	ns	NT
10031.0	MOUTH OF ESTERO AMERICANO	1322	5/16/94	32.0	toxmeta.wpd	-9	100.00	0.00	ns	NT
	CONTROL-CH1			33.0	toxmeta.wpd	-9	100.00	0.00	-9	-9
10006.0	BODEGA BAY-MASON'S MARINA REP1	1350	6/14/94	33.0	toxmeta.wpd	-9	96.00	8.94	ns	NT
10006.0	BODEGA BAY-MASON'S MARINA REP2	1351	6/14/94	33.0	toxmeta.wpd	-9	100.00	0.00	ns	NT
10006.0	BODEGA BAY-MASON'S MARINA REP3	1352	6/14/94	33.0	toxmeta.wpd	-9	96.00	8.94	ns	NT
10007.0	BODEGA-SPUD POINT MARINA REP1	1353	6/13/94	33.0	toxmeta.wpd	-9	100.00	0.00	ns	NT
10007.0	BODEGA-SPUD POINT MARINA REP2	1354	6/13/94	33.0	toxmeta.wpd	-9	100.00	0.00	ns	NT
10007.0	BODEGA-SPUD POINT MARINA REP3	1355	6/13/94	33.0	toxmeta.wpd	-9	100.00	0.00	ns	NT
10028.0	PORTO BODEGA MARINA REP1	1356	6/14/94	33.0	toxmeta.wpd	-9	100.00	0.00	ns	NT
10028.0	PORTO BODEGA MARINA REP2	1357	6/14/94	33.0	toxmeta.wpd	-9	100.00	0.00	ns	NT
10028.0	PORTO BODEGA MARINA REP3	1358	6/14/94	33.0	toxmeta.wpd	-9	100.00	0.00	ns	NT
10040.0	UNCONTAMINATED SITE-33D REP1	1359	6/13/94	33.0	toxmeta.wpd	-9	100.00	0.00	ns	NT
10040.0	UNCONTAMINATED SITE-33D REP2	1360	6/13/94	33.0	toxmeta.wpd	-9	100.00	0.00	ns	NT
10040.0	UNCONTAMINATED SITE-33D REP3	1361	6/13/94	33.0	toxmeta.wpd	-9	100.00	0.00	ns	NT
	CONTROL-CH1			42.0	toxmeta5	CH1	-9.00	-9.00	-9	-9
14004.0	DAVENPORT MARINE	1578	4/17/96	42.0	toxmeta5	CH1	-9.00	-9.00	-9	-9
10023.0	H. BAY EUREKA STORM 23	1579	4/17/96	42.0	toxmeta5	CH1	-9.00	-9.00	-9	-9
10016.0	ARCATA BAY-JOLLY GIANT SL.	1580	4/18/96	42.0	toxmeta5	CH1	-9.00	-9.00	-9	-9
10017.0	ARCATA BAY-EUREKA SL.	1581	4/17/96	42.0	toxmeta5	CH1	-9.00	-9.00	-9	-9
10021.0	H. BAY-CHEVRON TERMINAL	1582	4/17/96	42.0	toxmeta5	CH1	-9.00	-9.00	-9	-9
10019.0	H. BAY-COAL/OIL/GAS PLANT	1583	4/17/96	42.0	toxmeta5	CH1	-9.00	-9.00	-9	-9
10018.0	H. BAY-UNION OIL PLANT	1584	4/17/96	42.0	toxmeta5	CH1	-9.00	-9.00	-9	-9
15001.0	H. BAY-HALBERSON SHORELINE	1585	4/17/96	42.0	toxmeta5	CH1	-9.00	-9.00	-9	-9
14002.0	EUREKA WATERFRONT- J STREET	1586	4/17/96	42.0	toxmeta5	CH1	-9.00	-9.00	-9	-9
14001.0	EUREKA WATERFRONT- H STREET	1587	4/17/96	42.0	toxmeta5	CH1	-9.00	-9.00	-9	-9
	CONTROL-C1			47.0	toxdata7.wpd	C1	-9.00	-9.00	-9	-9
10006.0	BODEGA BAY - MASON'S MARINA	1682	12/6/96	47.0	toxdata7.wpd	C1	-9.00	-9.00	-9	-9
10007.0	BODEGA - SPUD POINT MARINA	1683	12/5/96	47.0	toxdata7.wpd	C1	-9.00	-9.00	-9	-9
10028.0	PORTO BODEGA MARINA	1684	12/6/96	47.0	toxdata7.wpd	C1	-9.00	-9.00	-9	-9
10040.0	UNCONTAMINATED SITE	1685	12/6/96	47.0	toxdata7.wpd	C1	-9.00	-9.00	-9	-9

*Neanthes arenaceodentata* PERCENT SURVIVAL AND WEIGHT CHANGE (mg) FOR SOLID PHASE TEST, AND WATER QUALITY (mg/L.)

STANUM STATION	IDORG	DATE	LEG	NAWT MN	NAWT SD	NAWT SG	NAWT TOX	NA OTNH3	NA OUNH3	NA OH2S	
10004.0	ARCATA BAY-MCDANIEL SL.	304	11/30/92	8.0	9.70	0.90	ns	NT	-9.000	0.070	-9.0000
10015.0	ARCATA BAY-MAD RIVER SL.	315	11/30/92	8.0	8.90	1.50	ns	NT	-9.000	0.065	-9.0000
10016.0	ARCATA BAY-JOLLY GIANT SL.	316	11/30/92	8.0	8.80	1.80	ns	NT	-9.000	0.063	-9.0000
10017.0	ARCATA BAY-EUREKA SL.	317	11/29/92	8.0	14.80	10.90	ns	NT	-9.000	0.039	-9.0000
10018.0	H. BAY-UNION OIL PLANT	318	11/29/92	8.0	9.80	0.70	ns	NT	-9.000	0.374	-9.0000
10019.0	H. BAY-COAL/OIL/GAS PLANT	319	11/29/92	8.0	7.60	3.20	ns	NT	-9.000	0.217	-9.0000
10020.0	H. BAY-OLD PAC. LUMBER SITE	320	11/29/92	8.0	10.00	1.40	ns	NT	-9.000	0.210	-9.0000
10021.0	H. BAY-CHEVRON TERMINAL	321	11/29/92	8.0	10.00	2.70	ns	NT	-9.000	0.205	-9.0000
14001.0	EUREKA WATERFRONT H STREET	322	11/29/92	8.0	8.70	2.70	ns	NT	-9.000	0.107	-9.0000
10023.0	H. BAY EUREKA STORM 23	323	11/29/92	8.0	7.80	2.80	ns	NT	-9.000	0.180	-9.0000
10024.0	H. BAY FIELDS LANDING	324	11/29/92	8.0	10.80	3.70	ns	NT	-9.000	0.211	-9.0000
10025.0	H. BAY HOOKTON SL.	325	11/29/92	8.0	10.60	2.10	ns	NT	-9.000	0.095	-9.0000
10036.0	SOUTHPORT CHANNEL-33B	336	11/30/92	8.0	10.40	3.20	ns	NT	-9.000	0.150	-9.0000
10037.0	H. BAY-MOUTH OF ELK RIVER	337	11/30/92	8.0	11.00	3.50	ns	NT	-9.000	0.137	-9.0000
14004.0	DAVENPORT MARINE	338	11/30/92	8.0	7.00	2.10	ns	NT	-9.000	0.220	-9.0000
10005.0	RUSSIAN RIVER MOUTH SMW 280.0	305	2/25/93	14.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
10006.0	BODEGA BAY-MASON'S MARINA	306	2/25/93	14.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
10007.0	BODEGA BAY-SPUD POINT MARINA	307	2/25/93	14.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
10028.0	BODEGA BAY PORTO BODEGA MARINA	328	2/25/93	14.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
10029.0	ESTERO AMERICANO-VALLEY FORD	329	2/25/93	14.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
10030.0	ESTERO DE SAN ANTONIO-VALLEY F	330	2/25/93	14.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
10031.0	MOUTH OF ESTERO AMERICANO	331	2/26/93	14.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
10032.0	MOUTH OF ESTERO DE SAN ANTONIO	332	2/26/93	14.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
10039.0	UNCONTAMINATED SITE-33C	339	2/25/93	14.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
10040.0	UNCONTAMINATED SITE-33D	340	2/26/93	14.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
10041.0	SALMON CREEK-34L	341	2/25/93	14.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	900	6/22/93	20.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	901	6/22/93	20.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	902	6/22/93	20.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	906	6/22/93	21.0	5.90	2.00	ns	NT	-9.000	0.209	-8.0000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	907	6/22/93	21.0	7.70	2.20	ns	NT	-9.000	0.219	-8.0000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	908	6/22/93	21.0	8.60	3.20	ns	NT	-9.000	0.204	-8.0000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	912	6/22/93	22.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	913	6/22/93	22.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	914	6/22/93	22.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	915	6/22/93	23.0	11.80	1.70	ns	NT	-9.000	0.725	0.0002

*Neanthles arenaceodentata* PERCENT SURVIVAL, AND WEIGHT CHANGE (mg) FOR SOLID PHASE TEST, AND WATER QUALITY (mg/L)

STANUM	STATION	IDORG	DATE	LEG	NAWT_MN	NAWT_SD	NAWT_SG	NAWT_TOX	NA_OTNIB3	NA_OUNIB3	NA_OH2S
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	916	6/22/93	23.0	13.50	2.10	ns	NT	-9.000	0.822	0.0001
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	917	6/22/93	23.0	13.00	1.20	ns	NT	-9.000	0.545	0.0026
	CONTROL-CH2			32.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
	CONTROL-CH3			32.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
	CONTROL-CHI			32.0	10.99	3.94	-9	-9	9.500	0.189	-8.0000
10040.0	UNCONTAMINATED SITE-33D	1321	5/16/94	32.0	7.35	4.19	ns	NT	11.000	0.230	0.0020
10031.0	MOUTH OF ESTERO AMERICANO	1322	5/16/94	32.0	8.09	3.06	ns	NT	12.000	0.459	0.0047
	CONTROL-CHI			33.0	11.75	1.97	-9	-9	3.400	0.106	-8.0000
10006.0	BODEGA BAY-MASON'S MARINA REP1	1350	6/14/94	33.0	11.23	0.54	ns	NT	9.200	0.429	0.0042
10006.0	BODEGA BAY-MASON'S MARINA REP2	1351	6/14/94	33.0	9.58	2.18	ns	NT	9.700	0.562	0.0052
10006.0	BODEGA BAY-MASON'S MARINA REP3	1352	6/14/94	33.0	8.80	2.60	*	NT	4.600	0.278	0.0012
10007.0	BODEGA-SPUD POINT MARINA REP1	1353	6/13/94	33.0	11.86	3.44	ns	NT	8.800	0.519	0.0034
10007.0	BODEGA-SPUD POINT MARINA REP2	1354	6/13/94	33.0	10.08	2.17	ns	NT	12.000	0.468	0.0006
10007.0	BODEGA-SPUD POINT MARINA REP3	1355	6/13/94	33.0	10.90	1.61	ns	NT	11.000	0.665	0.0055
10028.0	PORTO BODEGA MARINA REP1	1356	6/14/94	33.0	8.29	2.02	*	NT	6.800	0.350	0.0081
10028.0	PORTO BODEGA MARINA REP2	1357	6/14/94	33.0	8.32	1.98	*	NT	6.100	0.364	0.0010
10028.0	PORTO BODEGA MARINA REP3	1358	6/14/94	33.0	8.62	1.43	*	NT	9.600	0.328	0.0029
10040.0	UNCONTAMINATED SITE-33D REP1	1359	6/13/94	33.0	9.62	3.17	ns	NT	11.000	0.411	0.0036
10040.0	UNCONTAMINATED SITE-33D REP2	1360	6/13/94	33.0	10.20	1.65	ns	NT	7.600	0.339	0.0008
10040.0	UNCONTAMINATED SITE-33D REP3	1361	6/13/94	33.0	9.23	2.65	ns	NT	12.000	0.462	0.0031
	CONTROL-CHI			42.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
14004.0	DAVENPORT MARINE	1578	4/17/96	42.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
10023.0	H. BAY EUREKA STORM 23	1579	4/17/96	42.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
10016.0	ARCATA BAY-JOLLY GIANT SL.	1580	4/18/96	42.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
10017.0	ARCATA BAY-EUREKA SL.	1581	4/17/96	42.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
10021.0	H. BAY-CHEVRON TERMINAL	1582	4/17/96	42.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
10019.0	H. BAY-COAL/OIL/GAS PLANT	1583	4/17/96	42.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
10018.0	H. BAY-UNION OIL PLANT	1584	4/17/96	42.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
15001.0	H. BAY-HARBOR SHORELINE	1585	4/17/96	42.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
14002.0	EUREKA WATERFRONT- J STREET	1586	4/17/96	42.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
14001.0	EUREKA WATERFRONT- H STREET	1587	4/17/96	42.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
	CONTROL-CI			47.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
10006.0	BODEGA BAY - MASON'S MARINA	1682	12/6/96	47.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
10007.0	BODEGA - SPUD POINT MARINA	1683	12/5/96	47.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
10028.0	PORTO BODEGA MARINA	1684	12/6/96	47.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000
10040.0	UNCONTAMINATED SITE	1685	12/6/96	47.0	-9.00	-9.00	-9	-9	-9.000	-9.000	-9.0000

*Neanthles arenaceodentata* PERCENT SURVIVAL AND WEIGHT CHANGE (mg) FOR SOLID PHASE TEST, AND WATER QUALITY (mg/L.)

STANUM	STATION	IDORG	DATE	LEG	NA_FTNI3	NA_IUNH3	NA_IH2S	NA_BATCIH	NAQC
10004.0	ARCATA BAY-MCDANIEL SL.	304	11/30/92	8.0	-9.0000	-9.0000	-9.0000	-9	-9
10015.0	ARCATA BAY-MAD RIVER SL.	315	11/30/92	8.0	-9.0000	-9.0000	-9.0000	-9	-9
10016.0	ARCATA BAY-JOLLY GIANT SL.	316	11/30/92	8.0	-9.0000	-9.0000	-9.0000	-9	-9
10017.0	ARCATA BAY-EUREKA SL.	317	11/29/92	8.0	-9.0000	-9.0000	-9.0000	-9	-9
10018.0	H. BAY-UNION OIL PLANT	318	11/29/92	8.0	-9.0000	-9.0000	-9.0000	-9	-9
10019.0	H. BAY-COAL/OIL/GAS PLANT	319	11/29/92	8.0	-9.0000	-9.0000	-9.0000	-9	-9
10020.0	H. BAY-OLD PAC. LUMBER SITE	320	11/29/92	8.0	-9.0000	-9.0000	-9.0000	-9	-9
10021.0	H. BAY-CHEVRON TERMINAL	321	11/29/92	8.0	-9.0000	-9.0000	-9.0000	-9	-9
14001.0	FUREKA WATERFRONT H STREET	322	11/29/92	8.0	-9.0000	-9.0000	-9.0000	-9	-9
10023.0	H. BAY EUREKA STORM 23	323	11/29/92	8.0	-9.0000	-9.0000	-9.0000	-9	-9
10024.0	H. BAY FIELDS LANDING	324	11/29/92	8.0	-9.0000	-9.0000	-9.0000	-9	-9
10025.0	H. BAY HOOKTON SL.	325	11/29/92	8.0	-9.0000	-9.0000	-9.0000	-9	-9
10036.0	SOUTHPORT CHANNEL-33B	336	11/30/92	8.0	-9.0000	-9.0000	-9.0000	-9	-9
10037.0	H. BAY-MOUTH OF ELK RIVER	337	11/30/92	8.0	-9.0000	-9.0000	-9.0000	-9	-9
14004.0	DAVENPORT MARINE	338	11/30/92	8.0	-9.0000	-9.0000	-9.0000	-9	-9
10005.0	RUSSIAN RIVER MOUTH SMW 280.0	305	2/25/93	14.0	-9.0000	-9.0000	-9.0000	-9	-9
10006.0	BODEGA BAY-MASON'S MARINA	306	2/25/93	14.0	-9.0000	-9.0000	-9.0000	-9	-9
10007.0	BODEGA BAY-SPUD POINT MARINA	307	2/25/93	14.0	-9.0000	-9.0000	-9.0000	-9	-9
10028.0	BODEGA BAY PORTO BODEGA MARINA	328	2/25/93	14.0	-9.0000	-9.0000	-9.0000	-9	-9
10029.0	ESTERO AMERICANO-VALLEY FORD	329	2/25/93	14.0	-9.0000	-9.0000	-9.0000	-9	-9
10030.0	ESTERO DE SAN ANTONIO-VALLEY F	330	2/25/93	14.0	-9.0000	-9.0000	-9.0000	-9	-9
10031.0	MOUTH OF ESTERO AMERICANO	331	2/26/93	14.0	-9.0000	-9.0000	-9.0000	-9	-9
10032.0	MOUTH OF ESTERO DE SAN ANTONIO	332	2/26/93	14.0	-9.0000	-9.0000	-9.0000	-9	-9
10039.0	UNCONTAMINATED SITE-33C	339	2/25/93	14.0	-9.0000	-9.0000	-9.0000	-9	-9
10040.0	UNCONTAMINATED SITE-33D	340	2/26/93	14.0	-9.0000	-9.0000	-9.0000	-9	-9
10041.0	SALMON CREEK-34L	341	2/25/93	14.0	-9.0000	-9.0000	-9.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	900	6/22/93	20.0	-9.0000	-9.0000	-9.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	901	6/22/93	20.0	-9.0000	-9.0000	-9.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	902	6/22/93	20.0	-9.0000	-9.0000	-9.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	906	6/22/93	21.0	-9.0000	-9.0000	-9.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	907	6/22/93	21.0	-9.0000	-9.0000	-9.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	908	6/22/93	21.0	-9.0000	-9.0000	-9.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	912	6/22/93	22.0	-9.0000	-9.0000	-9.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	913	6/22/93	22.0	-9.0000	-9.0000	-9.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	914	6/22/93	22.0	-9.0000	-9.0000	-9.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 1	915	6/22/93	23.0	-9.0000	-9.0000	-9.0000	-9	-9

*Naemthys arenaceodentata* PERCENT SURVIVAL AND WEIGHT CHANGE (mg) FOR SOLID PHASE TEST, AND WATER QUALITY (mg/L)

STANUM	STATION	IDORG	DATE	LEG	NA_ITNH3	NA_IJNH3	NA_IH2S	NA_BATCH	NAQC
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 2	916	6/22/93	23.0	-9.000	-9.000	-9.0000	-9	-9
10037.0	MEGAMUD-HUMBOLDT(ELK)-REP 3	917	6/22/93	23.0	-9.000	-9.000	-9.0000	-9	-9
	CONTROL-CH2			32.0	-9.000	-9.000	-9.0000	-9	-9
	CONTROL-CH3			32.0	-9.000	-9.000	-9.0000	-9	-9
	CONTROL-CH1			32.0	-9.000	-9.000	-9.0000	-9	-9
10040.0	UNCONTAMINATED SITE-33D	1321	5/16/94	32.0	10.000	0.390	0.0235	-9	-9
10031.0	MOUTH OF ESTERO AMERICANO	1322	5/16/94	32.0	39.000	0.727	0.1108	-9	-9
	CONTROL-CH1			33.0	-9.000	-9.000	-9.0000	-9	-9
10006.0	BODEGA BAY-MASON'S MARINA REP1	1350	6/14/94	33.0	-9.000	-9.000	-9.0000	-9	-9
10006.0	BODEGA BAY-MASON'S MARINA REP2	1351	6/14/94	33.0	-9.000	-9.000	-9.0000	-9	-9
10006.0	BODEGA BAY-MASON'S MARINA REP3	1352	6/14/94	33.0	-9.000	-9.000	-9.0000	-9	-9
10007.0	BODEGA-SPUD POINT MARINA REP1	1353	6/13/94	33.0	-9.000	-9.000	-9.0000	-9	-9
10007.0	BODEGA-SPUD POINT MARINA REP2	1354	6/13/94	33.0	-9.000	-9.000	-9.0000	-9	-9
10007.0	BODEGA-SPUD POINT MARINA REP3	1355	6/13/94	33.0	-9.000	-9.000	-9.0000	-9	-9
10028.0	PORTO BODEGA MARINA REP1	1356	6/14/94	33.0	-9.000	-9.000	-9.0000	-9	-9
10028.0	PORTO BODEGA MARINA REP2	1357	6/14/94	33.0	-9.000	-9.000	-9.0000	-9	-9
10028.0	PORTO BODEGA MARINA REP3	1358	6/14/94	33.0	-9.000	-9.000	-9.0000	-9	-9
10040.0	UNCONTAMINATED SITE-33D REP1	1359	6/13/94	33.0	-9.000	-9.000	-9.0000	-9	-9
10040.0	UNCONTAMINATED SITE-33D REP2	1360	6/13/94	33.0	-9.000	-9.000	-9.0000	-9	-9
10040.0	UNCONTAMINATED SITE-33D REP3	1361	6/13/94	33.0	-9.000	-9.000	-9.0000	-9	-9
	CONTROL-CH1			42.0	-9.000	-9.000	-9.0000	-9	-9
14004.0	DAVENPORT MARINE	1578	4/17/96	42.0	-9.000	-9.000	-9.0000	-9	-9
10023.0	H. BAY EUREKA STORM 23	1579	4/17/96	42.0	-9.000	-9.000	-9.0000	-9	-9
10016.0	ARCATA BAY-JOLLY GIANT SL.	1580	4/18/96	42.0	-9.000	-9.000	-9.0000	-9	-9
10017.0	ARCATA BAY-EUREKA SL.	1581	4/17/96	42.0	-9.000	-9.000	-9.0000	-9	-9
10021.0	H. BAY-CHEVRON TERMINAL	1582	4/17/96	42.0	-9.000	-9.000	-9.0000	-9	-9
10019.0	H. BAY-COAL/OIL/GAS PLANT	1583	4/17/96	42.0	-9.000	-9.000	-9.0000	-9	-9
10018.0	H. BAY-UNION OIL PLANT	1584	4/17/96	42.0	-9.000	-9.000	-9.0000	-9	-9
15001.0	H. BAY- HALBERSON SHORELINE	1585	4/17/96	42.0	-9.000	-9.000	-9.0000	-9	-9
14002.0	EUREKA WATERFRONT- J STREET	1586	4/17/96	42.0	-9.000	-9.000	-9.0000	-9	-9
14001.0	EUREKA WATERFRONT- H STREET	1587	4/17/96	42.0	-9.000	-9.000	-9.0000	-9	-9
	CONTROL-C1			47.0	-9.000	-9.000	-9.0000	-9	-9
10006.0	BODEGA BAY - MASON'S MARINA	1682	12/6/96	47.0	-9.000	-9.000	-9.0000	-9	-9
10007.0	BODEGA - SPUD POINT MARINA	1683	12/5/96	47.0	-9.000	-9.000	-9.0000	-9	-9
10028.0	PORTO BODEGA MARINA	1684	12/6/96	47.0	-9.000	-9.000	-9.0000	-9	-9
10040.0	UNCONTAMINATED SITE	1685	12/6/96	47.0	-9.000	-9.000	-9.0000	-9	-9

## APPENDIX F

### Benthic Community Analysis Data





BENTHIC COMMUNITY ANALYSES: STATISTICAL SUMMARIES

STANUM 14004	STATION DAVENPORT MARINE	IDORG 1578	DATE 04/17/96	LEG 42	# of Sp.	Number per core			Summary Statistics							
						rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
	Species					9	26	2	12.3	14.0	2	26	12.3	7.1	27.8	37
	Cumella sp.					9	9	0	6.0	4.5	0	9	5.2	3.0	11.7	18
	Eudorella pacifica					0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	Acuminodentopus heteruropus					1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
	Allorchestes angusta					1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	Aoroides sp.					0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	Alytus tridens					0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
	Corophium simpsoni					1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	Monoculodes sp. (juv.)					2	3	0	1.7	1.5	0	3	1.5	0.9	3.4	5
	Eusarsiella tricostata					0	3	0	1.0	1.5	0	3	1.7	1.0	3.9	3
	Leptochelia dubia					0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
	Cardiidae					0	0	3	1.0	1.5	0	3	1.7	1.0	3.9	3
	Macoma seeta					7	0	0	2.3	3.5	0	7	4.0	-2.3	9.1	7
	Macoma sp.					3	1	0	1.3	1.5	0	3	1.5	0.9	3.4	4
	Musculus sp.					0	5	1	2.0	2.5	0	5	2.6	1.5	6.0	6
	Siliqua sp.					0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	Tellina modesta					0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	Amacana occidentalis					0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	Aphelochaeta momiliaris					35	36	3	24.7	19.5	3	36	18.8	10.8	42.2	74
	Capitella capitata					6	3	1	3.3	3.5	1	6	2.5	1.5	5.7	10
	Cirratulus spp. juv.					0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	Dorvillea longicornis					1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
	Fuchone limnicola					0	0	5	1.7	2.5	0	5	2.9	1.7	6.5	5
	Exogone modesta					0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	Leitoscoloplos pugettensis					0	0	7	2.3	3.5	0	7	4.0	2.3	9.1	7
	Malmgreniella maeginitici					0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	Mediomastus californiensis					59	22	23	34.7	40.5	22	59	21.1	12.2	47.4	104
	Sphaerosyllis californiensis					4	2	6	4.0	4.0	2	6	2.0	1.2	4.5	12
	Tharyx parvus					0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	Aphelochaeta elongata					0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	Aphelochaeta glandaria					2	32	0	11.3	16.0	0	32	17.9	10.3	40.3	34
	Armandia brevis					1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	Brania brevibranchiata					0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	Fuchone limnicola					6	3	0	3.0	3.0	0	6	3.0	1.7	6.8	9
	Exogone lauriei					1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3

BENTHIC COMMUNITY ANALYSES: STATISTICAL SUMMARIES

STATION	IDORG	DATE	LEG	Number per core			Summary Statistics											
				# of Sp.	rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum			
14004	DAVENPORT MARINE	04/17/96	42															
	Taxa			# of Sp.	rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum			
	Glycine spp. juv.				0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2			
	Owenia fusiformis				4	4	0	2.7	2.0	0	4	2.3	1.3	5.2	8			
	Scoloplos sp.				0	3	0	1.0	1.5	0	3	1.7	1.0	3.9	3			
	Streblospio benedicti				6	1	0	2.3	3.0	0	6	3.2	1.9	7.2	7			
	Anthozoa				1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1			
	Nematoda				35	0	0	11.7	17.5	0	35	20.2	11.7	45.5	35			
	Nemertea				3	0	1	1.3	1.5	0	3	1.5	0.9	3.4	4			
	Oligochaeta				335	7	55	132.3	171.0	7	335	177.1	102.3	398.6	397			
	Phoronida				4	0	13	5.7	6.5	0	13	6.7	3.8	15.0	17			
	Sipuncula				0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1			
	<b>Total Individuals</b>				536	170	131	279.0	333.5	131	536	223.4	129.0	502.7	837			
	<b>Total Species</b>			44	24	23	22	23.0	23.0	22	24	1.0	0.6	2.3	69			
	<b>Total Crust. Indiv.</b>				23	44	4	23.7	24.0	4	44	20.0	11.6	45.0	71			
	<b>Total Crust. Sp.</b>			10	6	6	3	5.0	4.5	3	6	1.7	1.0	3.9	15			
	Gammarid Indiv.				3	3	2	2.7	2.5	2	3	0.6	0.3	1.3	8			
	Gammarid Sp.			6	3	2	2	2.3	2.5	2	3	0.6	0.3	1.3	7			
	Other Crustacean Indiv.			4	20	41	2	21.0	21.5	2	41	19.5	11.3	43.9	63			
	Other Crustacean Sp.				3	4	1	2.7	2.5	1	4	1.5	0.9	3.4	8			
	<b>Total Echinoderm Indiv.</b>				0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0			
	<b>Total Echinoderm Sp.</b>			0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0			
	<b>Total Mollusc Indiv.</b>				10	7	6	7.7	8.0	6	10	2.1	1.2	4.7	23			
	<b>Total Mollusc Sp.</b>			6	2	3	3	2.7	2.5	2	3	0.6	0.3	1.3	8			
	<b>Total Polychaete Indiv.</b>			22	125	112	51	96.0	88.0	51	125	39.5	22.8	88.9	288			
	<b>Total Polychaete Sp.</b>				11	13	12	12.0	12.0	11	13	1.0	0.6	2.3	36			

STATION	IDORG	DATE	LEG	Number per core			Summary Statistics											
				# of Sp.	rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum			
10023	H. BAY EUREKA STORM 23	04/17/96	42															
	Taxa			# of Sp.	rep 1	rep 2	rep 3	mean <td>median</td> <td>min</td> <td>max</td> <td>St. Dev.</td> <td>S.E.</td> <td>95%CL</td> <td>sum</td> <td></td> <td></td> <td></td>	median	min	max	St. Dev.	S.E.	95%CL	sum			
	Cumella sp.				127	0	0	42.3	63.5	0	127	73.3	42.3	165.0	127			
	Eudorella pacifica				1	0	8	3.0	4.0	0	8	4.4	2.5	9.8	9			
	Nippoleucon biranumensis				1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1			

BENTHIC COMMUNITY ANALYSES: STATISTICAL SUMMARIES

STATION 10023 IL BAY EUREKA STORM 23 (cont.)

IDORG 1579 DATE 04/17/96 LBG 42

Species	Taxa	Number per core			Summary Statistics							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95% C.L. sum	
<i>Ambogammarus pugelienis</i>	Gammaridea	7	0	0	2.3	3.5	0	7	4.0	2.3	9.1	7
<i>Corophium heteroceratum</i>	Gammaridea	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Corophium stimpsoni</i>	Gammaridea	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Grandilocella japonica</i>	Gammaridea	11	0	0	3.7	5.5	0	11	6.4	3.7	14.3	11
<i>Leptochelia dubia</i>	Tanaidacea	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Leptochelia gnathia</i>	Tanaidacea	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Macoma secta</i>	Bivalvia	0	0	7	2.3	3.5	0	7	4.0	2.3	9.1	7
<i>Macoma</i> sp.	Bivalvia	5	0	0	1.7	2.5	0	5	2.9	1.7	6.5	5
<i>Musculus</i> sp.	Bivalvia	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Myrella</i> sp. 1	Bivalvia	1	0	3	1.3	1.5	0	3	1.5	0.9	3.4	4
<i>Myrella</i> sp. 2	Bivalvia	0	0	38	12.7	19.0	0	38	21.9	12.7	49.4	38
<i>Prothaca staminea</i>	Bivalvia	3	0	0	1.0	1.5	0	3	1.7	1.0	3.9	3
<i>Siliqua</i> sp.	Bivalvia	0	0	6	2.0	3.0	0	6	3.5	2.0	7.8	6
<i>Tellina modesta</i>	Bivalvia	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Barlecia</i> sp.	Gastropoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Nassarius</i> sp.	Gastropoda	5	0	0	1.7	2.5	0	5	2.9	1.7	6.5	5
<i>Armandia brevis</i>	Polychaeta	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
<i>Capitella capitata</i>	Polychaeta	1	25	3	9.7	13.0	1	25	13.3	7.7	30.0	29
<i>Cirratulidae</i> spp. indet.	Polychaeta	0	1	10	3.7	5.0	0	10	5.5	3.2	12.4	11
<i>Cirratulus dillonensis</i>	Polychaeta	20	39	26	28.3	29.5	20	39	9.7	5.6	21.9	85
<i>Cirratulus</i> spp. juv.	Polychaeta	0	0	6	2.0	3.0	0	6	3.5	2.0	7.8	6
<i>Eteone</i> sp(p)	Polychaeta	10	6	1	5.7	5.5	1	10	4.5	2.6	10.1	17
<i>Eteone limnicola</i>	Polychaeta	0	0	4	1.3	2.0	0	4	2.3	1.3	5.2	4
<i>Mediomastus californiensis</i>	Polychaeta	48	88	46	60.7	67.0	46	88	23.7	13.7	53.3	182
<i>Nephtys caecoides</i>	Polychaeta	1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
<i>Pholoe minuta</i>	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Prionospio lighti</i>	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Protodrilus gracilis</i>	Polychaeta	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
<i>Pseudopolydora kompi</i>	Polychaeta	0	8	3	3.7	4.0	0	8	4.0	2.3	9.1	11
<i>Sphaerosyllis californiensis</i>	Polychaeta	1	0	2	1.0	1.0	0	2	1.0	0.6	2.3	3
<i>Sphaerosyllis ranunculus</i>	Polychaeta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
<i>Streblospio benedicti</i>	Polychaeta	4	25	5	11.3	14.5	4	25	11.8	6.8	26.7	34
<i>Tharyx parvus</i>	Polychaeta	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
<i>Aphelochaeta monilaris</i>	Polychaeta	3	8	0	3.7	4.0	0	8	4.0	2.3	9.1	11



BENTHIC COMMUNITY ANALYSIS: STATISTICAL SUMMARIES

STATION 10016 AICATA BAY-JOLLY GIANT SL.

IDORG 1580 DATE 04/18/96 LEG 42

Species	# of Sp.	Number per core			Summary Statistics							
		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CI	sum
Cumella sp.		1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Ampelisca abdita		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Aoroides sp.		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Corophium sp.		0	0	270	90.0	135.0	0	270	155.9	90.0	350.7	270
Corophium stimpsoni		383	417	17	272.3	217.0	17	417	221.8	128.0	499.0	817
Mysella sp.		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Tresus sp.		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Capitella capitata		0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Pitcone sp(p)		0	0	14	4.7	7.0	0	14	8.1	4.7	18.2	14
Heteromastus filiformis		27	18	13	19.3	20.0	13	27	7.1	4.1	16.0	58
Pseudopolydora kempfi		66	82	106	84.7	86.0	66	106	20.1	11.6	45.3	254
Streblospio benedicti		102	90	95	95.7	96.0	90	102	6.0	3.5	13.6	287
Tharyx parvus		81	65	64	70.0	72.5	64	81	9.5	5.5	21.5	210
Pitcone californica		8	21	0	9.7	10.5	0	21	10.6	6.1	23.8	29
Pitcone lighii		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Exogone lourei		1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Nereis procer		1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3
Oligochaeta		1	10	213	74.7	107.0	1	213	119.9	69.2	269.7	224
<b>Total Individuals</b>		674	708	793	725.0	733.5	674	793	61.3	35.4	137.9	2175
<b>Total Species</b>	18	13	11	9	11.0	11.0	9	13	2.0	1.2	4.5	33
<b>Total Crust. Indiv.</b>		385	419	287	363.7	353.0	287	419	68.5	39.6	154.2	1091
<b>Total Crust. Sp.</b>	5	3	3	2	2.7	2.5	2	3	0.6	0.3	1.3	8
Gammarid Indiv.		384	418	287	363.0	352.5	287	418	68.0	39.2	153.0	1089
Gammarid Sp.	4	2	2	2	2.0	2.0	2	2	0.0	0.0	0.0	6
Other Crustacean Indiv.		1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
Other Crustacean Sp.	1	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
<b>Total Echinoderm Indiv.</b>	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
<b>Total Echinoderm Sp.</b>	0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
<b>Total Mollusc Indiv.</b>	2	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
<b>Total Mollusc Sp.</b>	2	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
<b>Total Polychaete Indiv.</b>		286	279	293	286.0	286.0	279	293	7.0	4.0	15.8	858
<b>Total Polychaete Sp.</b>	10	7	7	6	6.7	6.5	6	7	0.6	0.3	1.3	20

BENTHIC COMMUNITY ANALYSES: STATISTICAL SUMMARIES

STATION	IDORG	DATE	LAGG	Taxa	Number per core			mean	median	min	max	St. Dev.	S.E.	95%CL	sum
					rep 1	rep 2	rep 3								
10017	ARCATA BAY-ETIHEKA SL.	04/17/96	42		19	13	8	13.3	13.5	8	19	5.5	3.2	12.4	40
				Cumacea				1.0	1.5	0	3	1.7	1.0	3.9	3
				Nippoleucon hinumensis	0	3	0	0.3	0.5	0	1	0.6	0.3	1.3	1
				Annelisa abdita	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
				Corophium sp.	2	2	2	2.0	2.0	2	2	0.0	0.0	0.0	6
				Corophium stimpsoni	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
				Lyonsia sp.	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
				Macoma sp.	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
				Musculus sp.	2	0	2	1.3	1.0	0	2	1.2	0.7	2.6	4
				Capitella capitata	0	0	3	1.0	1.5	0	3	1.7	1.0	3.9	3
				Cirratulidae spp. indet.	1	1	12	4.7	6.5	1	12	6.4	3.7	14.3	14
				Eteone sp(p)	2	2	5	3.0	3.5	2	5	1.7	1.0	3.9	9
				Exogone lounici	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
				Heteromastus filiformis	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
				Nereididae spp. juv.	2	4	6	4.0	4.0	2	6	2.0	1.2	4.5	12
				Pseudopolydora kempi	32	34	12	26.0	23.0	12	34	12.2	7.0	27.4	78
				Streblospio benedicti	45	192	33	90.0	112.5	33	192	88.5	51.1	199.2	270
				Tharyx parvus	5	2	0	2.3	2.5	0	5	2.5	1.5	5.7	7
				Eteone californica	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
				Leitoscoloplos puggettensis	2	4	0	2.0	2.0	0	4	2.0	1.2	4.5	6
				Mediomastus californiensis	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
				Prionospio lighti	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
				Nemertea	2	0	2	1.3	1.0	0	2	1.2	0.7	2.6	4
				Oligochaeta	118	262	90	156.7	176.0	90	262	92.3	53.3	207.7	470
				<b>Total Individuals</b>											
				<b>Total Species</b>	23	14	14	14.0	14.0	14	14	0.0	0.0	0.0	42
				<b>Total Crust. Indiv.</b>	5	21	19	17.3	16.5	12	21	4.7	2.7	10.6	52
				<b>Total Crust. Sp.</b>	2	2	4	3.0	3.0	2	4	1.0	0.6	2.3	9
				Gammarid Indiv.	2	3	4	3.0	3.0	2	4	1.0	0.6	2.3	9
				Gammarid Sp.	3	1	2	1.7	1.5	1	2	0.6	0.3	1.3	5
				Other Crustacean Indiv.	19	16	8	14.3	13.5	8	19	5.7	3.3	12.8	43
				Other Crustacean Sp.	2	1	2	1.3	1.5	1	2	0.6	0.3	1.3	4
				<b>Total Echinoderm Indiv.</b>	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
				<b>Total Echinoderm Sp.</b>	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0
				<b>Total Mollusc Indiv.</b>	0	3	1	1.3	1.5	0	3	1.5	0.9	3.4	4

BENTHIC COMMUNITY ANALYSES: STATISTICAL SUMMARIES

STATION 10017 ARCATA BAY-EUREKA SL. (cont.)

STATION	IDORG	DATE	LEG	Number per core			Summary Statistics							
				rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
10017	1581	04/17/96	42	0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3
Total Mollusc Sp.				3										
Total Polychaete Indiv.				94	239	75	136.0	157.0	75	239	89.7	51.8	201.8	408
Total Polychaete Sp.				13	10	9	8.7	8.5	7	10	1.5	0.9	3.4	26

STATION 10024 H. BAY-CHEVRON TERMINAL

STATION	IDORG	DATE	LEG	Number per core			Summary Statistics							
				rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
10024	1582	04/17/96	42	19	13	2	11.3	10.5	2	19	8.6	5.0	19.4	34
Taxa														
Species														
	Cumacea			0	2	2	1.3	1.0	0	2	1.2	0.7	2.6	4
	Eudorella pacifica			0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
	Lanrops sp.			1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	Gnorimosphaeroma oregonensis			0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	Harbansus bradmyersi			0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2
	Leptochelia dubia			0	1	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	Macoma nasuta			4	9	0	4.3	4.5	0	9	4.5	2.6	10.1	13
	Macoma sp.			0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	Musculus sp.			0	14	8	7.3	7.0	0	14	7.0	4.1	15.8	22
	Siliqua sp.			0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
	Tellina modesta			12	13	2	9.0	7.5	2	13	6.1	3.5	13.7	27
	Aphelochaeta nr. williamsae			28	17	8	17.7	18.0	8	28	10.0	5.8	22.5	53
	Capitella capitata			3	4	2	3.0	3.0	2	4	1.0	0.6	2.3	9
	Cirratulidae spp. indet.			0	2	2	1.3	1.0	0	2	1.2	0.7	2.6	4
	Eteone sp(p)			0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	Glycinde polygnathia			2	9	2	4.3	5.5	2	9	4.0	2.3	9.1	13
	Leitoscoloplos pugettensis			10	54	12	25.3	32.0	10	54	24.8	14.3	55.9	76
	Mediomastus californiensis			11	32	55	32.7	33.0	11	55	22.0	12.7	49.5	98
	Mediomastus sp(p)			0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	Nephtys sp			11	22	14	15.7	16.5	11	22	5.7	3.3	12.8	47
	Owenia fusiformis			0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	Pilargis maculata			0	2	1	1.0	1.0	0	2	1.0	0.6	2.3	3
	Pseudopolydora kempfi			0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	Streblospio benedicti			0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1



BENTHIC COMMUNITY ANALYSES: STATISTICAL SUMMARIES

STATION	IDORG	DATE	LEG													
10021	1582	04/17/96	42													
II. BAY-CHEVRON TERMINAL (cont.)																
Species	Taxa	# of Sp.			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	42	25	0	22.3	21.0	0	42	21.1	12.2	47.5	67				
Cirratulus dillonensis	Polychaeta	2	1	0	1.0	1.0	0	2	1.0	0.6	2.3	3				
Dipolydora caulleryi	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1				
Exogone laurei	Polychaeta	2	2	0	1.3	1.0	0	2	1.2	0.7	2.6	4				
Glycera spp. juv.	Polychaeta	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1				
Pygospio elegans	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1				
Sphaerosyllis californiensis	Polychaeta	0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2				
Spiophanes berkeleyorum	Polychaeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1				
Nematoda	Nematoda	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1				
Nemertea	Nemertea	2	1	1	1.3	1.5	1	2	0.6	0.3	1.3	4				
Oligochaeta	Oligochaeta	5	8	5126	1713.0	2565.5	5	5126	2955.7	1706.5	6650.5	5139				
Phoronida	Phoronida	7	0	0	2.3	3.5	0	7	4.0	2.3	9.1	7				
<b>Total Individuals</b>		<b>163</b>	<b>236</b>	<b>5249</b>	<b>1882.7</b>	<b>2706.0</b>	<b>163</b>	<b>5249</b>	<b>2915.6</b>	<b>1683.3</b>	<b>6560.0</b>	<b>5648</b>				
<b>Total Species</b>		<b>36</b>	<b>23</b>	<b>25</b>	<b>22.0</b>	<b>21.5</b>	<b>18</b>	<b>25</b>	<b>3.6</b>	<b>2.1</b>	<b>8.1</b>	<b>66</b>				
<b>Total Crust. Indiv.</b>		<b>20</b>	<b>17</b>	<b>7</b>	<b>14.7</b>	<b>13.5</b>	<b>7</b>	<b>20</b>	<b>6.8</b>	<b>3.9</b>	<b>15.3</b>	<b>44</b>				
<b>Total Crust. Sp.</b>		<b>2</b>	<b>4</b>	<b>5</b>	<b>3.7</b>	<b>3.5</b>	<b>2</b>	<b>5</b>	<b>1.5</b>	<b>0.9</b>	<b>3.4</b>	<b>11</b>				
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				
Other Crustacean Indiv.		20	17	7	14.7	13.5	7	20	6.8	3.9	15.3	44				
Other Crustacean Sp.		2	4	5	3.7	3.5	2	5	1.5	0.9	3.4	11				
<b>Total Echinoderm Indiv.</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0</b>				
<b>Total Echinoderm Sp.</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0</b>				
<b>Total Mollusc Indiv.</b>		<b>4</b>	<b>23</b>	<b>12</b>	<b>13.0</b>	<b>13.5</b>	<b>4</b>	<b>23</b>	<b>9.5</b>	<b>5.5</b>	<b>21.5</b>	<b>39</b>				
<b>Total Mollusc Sp.</b>		<b>5</b>	<b>2</b>	<b>4</b>	<b>2.3</b>	<b>2.5</b>	<b>1</b>	<b>4</b>	<b>1.5</b>	<b>0.9</b>	<b>3.4</b>	<b>7</b>				
<b>Total Polychaete Indiv.</b>		<b>125</b>	<b>187</b>	<b>102</b>	<b>138.0</b>	<b>144.5</b>	<b>102</b>	<b>187</b>	<b>44.0</b>	<b>25.4</b>	<b>98.9</b>	<b>414</b>				
<b>Total Polychaete Sp.</b>		<b>12</b>	<b>15</b>	<b>13</b>	<b>13.3</b>	<b>13.5</b>	<b>12</b>	<b>15</b>	<b>1.5</b>	<b>0.9</b>	<b>3.4</b>	<b>40</b>				





BENTHIC COMMUNITY ANALYSES: STATISTICAL SUMMARIES

STATION	IDORG	DATE	L.BG	# of Sp.	Number per core				Summary Statistics							
					rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum	
10018	1584	04/17/96	42		50	88	131		89.7	90.5	50	131	40.5	23.4	91.2	269
				Taxa												
					Cumacea	0	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
					Corophium salmonis	2	10	5	5.7	6.0	2	10	4.0	2.3	9.1	17
					Grandicrrella japonica	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
					Podocerus brasiliensis	5	1	3	3.0	3.0	1	5	2.0	1.2	4.5	9
					Leptochelia dubia	0	4	0	1.3	2.0	0	4	2.3	1.3	5.2	4
					Bivalvia	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
					Gemma gemma	0	0	23	7.7	11.5	0	23	13.3	7.7	29.9	23
					Macoma nasuta	12	22	0	11.3	11.0	0	22	11.0	6.4	24.8	34
					Macoma sp.	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
					Mytilus sp.	2	0	1	1.0	1.0	0	2	1.0	0.6	2.3	3
					Protothaca staminea	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
					Siliqua sp.	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
					Tellina modesta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
					Tresus sp.	0	0	7	2.3	3.5	0	7	4.0	2.3	9.1	7
					Nassarius sp.	20	32	6	19.3	19.0	6	32	13.0	7.5	29.3	58
					Aphelochaeta montanis	65	79	12	52.0	45.5	12	79	35.3	20.4	79.5	156
					Capitella capitata	68	26	2	32.0	35.0	2	68	33.4	19.3	75.2	96
					Cirratulus dillonensis	0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
					Cirratulus spp. juv.	3	4	3	3.3	3.5	3	4	0.6	0.3	1.3	10
					Eteone sp(p)	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3
					Leitoscoloplos pugettensis	80	62	7	49.7	43.5	7	80	38.0	22.0	85.6	149
					Mediomastus californiensis	0	0	9	3.0	4.5	0	9	5.2	3.0	11.7	9
					Mediomastus sp(p)	12	3	6	7.0	7.5	3	12	4.6	2.6	10.3	21
					Owena fusiformis	5	3	1	3.0	3.0	1	5	2.0	1.2	4.5	9
					Pseudopolydora kempi	83	44	5	44.0	44.0	5	83	39.0	22.5	87.8	132
					Streblospio benedicti	2	5	0	2.3	2.5	0	5	2.5	1.5	5.7	7
					Cirratulidae spp. indet.	6	11	0	5.7	5.5	0	11	5.5	3.2	12.4	17
					Eteone californica	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
					Eteone limicola	0	3	0	1.0	1.5	0	3	1.7	1.0	3.9	3
					Exogone loutrei	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
					Glycera spp. juv.	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
					Glycinde spp. juv.	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
					Hammothoinae, unident.	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
					Microphthalmus sp(p)	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1

BENTHIC COMMUNITY ANALYSIS: STATISTICAL SUMMARIES

STATION	IDORG	DATE	LARG	# of Sp.	Number per core			Summary Statistics												
					rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%(C.I.	sum					
10018	H. BAY-UNION OIL PLANT (cont.)	04/17/96	42																	
	Species																			
	Naineris dendritica				0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1					
	Nephtys caecoides				0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2					
	Polychaeta californicus				0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2					
	Pygospio elegans				1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1					
	Scolelepis spp. indet.				1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1					
	Scoletonia tetrata				1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2					
	Sphaerosyllis californiensis				6	6	0	4.0	3.0	0	6	3.5	2.0	7.8	12					
	Tharyx parvus				1	5	0	2.0	2.5	0	5	2.6	1.5	6.0	6					
	Nematoda				1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2					
	Nemertea				1	3	1	1.7	2.0	1	3	1.2	0.7	2.6	5					
	Oligochaeta				21	18	253	97.3	135.5	18	253	134.8	77.8	303.3	292					
	Phoronida				5	11	3	6.3	7.0	3	11	4.2	2.4	9.4	19					
	Sipuncula				0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1					
	<b>Total Individuals</b>				<b>457</b>	<b>455</b>	<b>487</b>	<b>466.3</b>	<b>471.0</b>	<b>455</b>	<b>487</b>	<b>17.9</b>	<b>10.3</b>	<b>40.3</b>	<b>1399</b>					
	<b>Total Species</b>				<b>47</b>	<b>33</b>	<b>25</b>	<b>28.7</b>	<b>29.0</b>	<b>25</b>	<b>33</b>	<b>4.0</b>	<b>2.3</b>	<b>9.1</b>	<b>86</b>					
	<b>Total Crust. Indiv.</b>				<b>57</b>	<b>101</b>	<b>140</b>	<b>99.3</b>	<b>98.5</b>	<b>57</b>	<b>140</b>	<b>41.5</b>	<b>24.0</b>	<b>93.4</b>	<b>298</b>					
	<b>Total Crust. Sp.</b>				<b>5</b>	<b>4</b>	<b>4</b>	<b>3.7</b>	<b>3.5</b>	<b>3</b>	<b>4</b>	<b>0.6</b>	<b>0.3</b>	<b>1.3</b>	<b>11</b>					
	Gammarid Indiv.				2	12	6	6.7	7.0	2	12	5.0	2.9	11.3	20					
	Gammarid Sp.				3	2	2	1.7	1.5	1	2	0.6	0.3	1.3	5					
	Other Crustacean Indiv.				55	89	134	92.7	94.5	55	134	39.6	22.9	89.2	278					
	Other Crustacean Sp.				2	2	2	2.0	2.0	2	2	0.0	0.0	0.0	6					
	<b>Total Echinoderm Indiv.</b>				<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0</b>					
	<b>Total Echinoderm Sp.</b>				<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0</b>					
	<b>Total Mollusc Indiv.</b>				<b>16</b>	<b>27</b>	<b>35</b>	<b>26.0</b>	<b>25.5</b>	<b>16</b>	<b>35</b>	<b>9.5</b>	<b>5.5</b>	<b>21.5</b>	<b>78</b>					
	<b>Total Mollusc Sp.</b>				<b>4</b>	<b>3</b>	<b>6</b>	<b>4.3</b>	<b>4.5</b>	<b>3</b>	<b>6</b>	<b>1.5</b>	<b>0.9</b>	<b>3.4</b>	<b>13</b>					
	<b>Total Polychaete Indiv.</b>				<b>356</b>	<b>294</b>	<b>54</b>	<b>234.7</b>	<b>205.0</b>	<b>54</b>	<b>356</b>	<b>159.5</b>	<b>92.1</b>	<b>358.9</b>	<b>704</b>					
	<b>Total Polychaete Sp.</b>				<b>17</b>	<b>22</b>	<b>11</b>	<b>16.7</b>	<b>16.5</b>	<b>11</b>	<b>22</b>	<b>5.5</b>	<b>3.2</b>	<b>12.4</b>	<b>50</b>					

BENTHIC COMMUNITY ANALYSES: STATISTICAL SUMMARIES

STATION	IDORG	DATE	LJC	# of Sp.	Number per core			Summary Statistics							
					rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CI	sum
15001	H. BAY - HALBERSON SHORELINE	04/17/96	42		62	52	1	38.3	31.5	1	62	32.7	18.9	73.6	115
	Taxa														
	Cumacea				4	0	0	1.3	2.0	0	4	2.3	1.3	5.2	4
	Corophium insidiosum				3	4	0	2.3	2.0	0	4	2.1	1.2	4.7	7
	Corophium salmonis				22	10	0	10.7	11.0	0	22	11.0	6.4	24.8	32
	Granddicerella japonica				2	3	2	2.3	2.5	2	3	0.6	0.3	1.3	7
	Leptocheilia dubia				0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	Lyonsia sp.				0	0	3	1.0	1.5	0	3	1.7	1.0	3.9	3
	Macoma nasuta				2	8	0	3.3	4.0	0	8	4.2	2.4	9.4	10
	Macoma sp.				0	0	5	1.7	2.5	0	5	2.9	1.7	6.5	5
	Eteone sp(p)				26	38	15	26.3	26.5	15	38	11.5	6.6	25.9	79
	Exogone lauriei				30	44	5	26.3	24.5	5	44	19.8	11.4	44.5	79
	Mediomastus californiensis				0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	Mediomastus sp(p)				6	5	12	7.7	8.5	5	12	3.8	2.2	8.5	23
	Pseudopolydora kerppi				3	2	2	2.3	2.5	2	3	0.6	0.3	1.3	7
	Sphaerosyllis californiensis				144	137	32	104.3	88.0	32	144	62.7	36.2	141.2	313
	Streblospio benedicti				88	127	67	94.0	97.0	67	127	30.4	17.6	68.5	282
	Tharyx parvus				2	0	15	5.7	7.5	0	15	8.1	4.7	18.3	17
	Aphelochaeta montilaris				8	24	0	10.7	12.0	0	24	12.2	7.1	27.5	32
	Capitella capitata				1	3	0	1.3	1.5	0	3	1.5	0.9	3.4	4
	Cossura candida				9	11	0	6.7	5.5	0	11	5.9	3.4	13.2	20
	Eteone californica				2	1	0	1.0	1.0	0	2	1.0	0.6	2.3	3
	Fuclione limnicola				0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	Glycera spp. juv.				1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3
	Leitoscoloplos pugettensis				2	4	0	2.0	2.0	0	4	2.0	1.2	4.5	6
	Pygospio elegans				6	2	0	2.7	3.0	0	6	3.1	1.8	6.9	8
	Nemertea				3	3	1	2.3	2.0	1	3	1.2	0.7	2.6	7
	Phoronida				426	481	162	356.3	321.5	162	481	170.5	98.5	383.7	1069
	Total Individuals				26	21	14	18.3	17.5	14	21	3.8	2.2	8.5	55
	Total Species				93	69	3	55.0	48.0	3	93	46.6	26.9	104.9	165
	Total Crust. Indiv.				5	4	2	3.7	3.5	2	5	1.5	0.9	3.4	11
	Total Crust. Sp.				29	14	0	14.3	14.5	0	29	14.5	8.4	32.6	43
	Gammarid Indiv.				3	2	0	1.7	1.5	0	3	1.5	0.9	3.4	5
	Gammarid Sp.				64	55	3	40.7	33.5	3	64	32.9	19.0	74.1	122
	Other Crustacean Indiv.				2	2	2	2.0	2.0	2	2	0.0	0.0	0.0	6
	Other Crustacean Sp.														

BENTHIC COMMUNITY ANALYSES: STATISTICAL SUMMARIES

STATION	STATION	IDORG	DATE	LEG	# of Sp.	Number per core			Summary Statistics							
15001	H. BAY - HALBERSON SHORELINE (cont.)	1585	04/17/96	42		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
	Species															
	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	0
	Total Mollusc Indiv.				2	8	4	4.7	5.0	2	8	3.1	1.8	1.8	6.9	14
	Total Mollusc Sp.		3		1	1	2	1.3	1.5	1	2	0.6	0.3	1.3	4	
	Total Polychaete Indiv.				322	399	154	291.7	276.5	154	399	125.3	72.3	281.9	875	
	Total Polychaete Sp.		16		13	13	9	11.7	11.0	9	13	2.3	1.3	5.2	35	

STATION	STATION	IDORG	DATE	LEG	# of Sp.	Number per core			Summary Statistics							
14002	BUREKA WATERFRONT - J STREET	1586	04/17/96	42		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
	Species															
	Cumella sp.				2	2	27	10.3	14.5	2	27	14.4	8.3	32.5	31	
	Eudorella pacifica				20	3	14	12.3	11.5	3	20	8.6	5.0	19.4	37	
	Cancer gracilis				0	0	3	1.0	1.5	0	3	1.7	1.0	3.9	3	
	Corophium insidiosum				0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
	Girardinierella japonica				0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
	Photis sp.				0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
	Protomedea sp.				1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2	
	Munogonium tillerae				0	4	0	1.3	2.0	0	4	2.3	1.3	5.2	4	
	Fusarsiella zostericola				6	1	10	5.7	5.5	1	10	4.5	2.6	10.1	17	
	Leptochelia dubia				15	3	3	7.0	9.0	3	15	6.9	4.0	15.6	21	
	Macoma sp.				8	9	0	5.7	4.5	0	9	4.9	2.8	11.1	17	
	Siliqua sp.				1	2	0	1.0	1.0	0	2	1.0	0.6	2.3	3	
	Tellina modesta				1	3	0	1.3	1.5	0	3	1.5	0.9	3.4	4	
	Mangelia sp.				3	7	0	3.3	3.5	0	7	3.5	2.0	7.9	10	
	Nassarius sp.				4	0	0	1.3	2.0	0	4	2.3	1.3	5.2	4	
	Aphelochaeta monilaris				25	17	2	14.7	13.5	2	25	11.7	6.7	26.3	44	
	Aphelochaeta nr. williamsae				81	94	76	83.7	85.0	76	94	9.3	5.4	20.9	251	
	Capitella capitata				1	7	2	3.3	4.0	1	7	3.2	1.9	7.2	10	
	Cossura pygodaetylata				2	0	2	1.3	1.0	0	2	1.2	0.7	2.6	4	
	Drilonereis longa				0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
	Euchone limnicola				0	0	11	3.7	5.5	0	11	6.4	3.7	14.3	11	





BENTHIC COMMUNITY ANALYSES: STATISTICAL SUMMARIES

STATION 14001	STATION EURYKA WATERFRONT- II STREET	IDORG 1587	DATE 04/17/96	LEG 42	# of Sp.	Number per core			Summary Statistics					S.F.	95%CL	sum
						rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.			
	Species	Taxa				2	65	0	22.3	32.5	0	65	37.0	21.3	83.2	67
	Cumella sp.	Cumacea				0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	Eudorella pacifica	Cumacea				0	0	3	1.0	1.5	0	3	1.7	1.0	3.9	3
	Cancer gracilis	Decapoda				1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	Corophium salmonis	Amphipoda				3	6	0	3.0	3.0	0	6	3.0	1.7	6.8	9
	Grandidierella japonica	Amphipoda				0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	Photis sp.	Amphipoda				0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	Munoponnum tillerae	Amphipoda				0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	Eusaissetia zostericola	Ostracoda				0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	Leptochelia dubia	Tanaidacea				1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
	Macoma nasuta	Bivalvia				0	0	8	2.7	4.0	0	8	4.6	2.7	10.4	8
	Macoma sp.	Bivalvia				3	6	0	3.0	3.0	0	6	3.0	1.7	6.8	9
	Musculus sp.	Bivalvia				0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	Myrella sp.	Bivalvia				0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	Siliqua sp.	Bivalvia				0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2
	Mangelia sp.	Gastropoda				0	2	5	2.3	2.5	0	5	2.5	1.5	5.7	7
	Nassarius sp.	Gastropoda				0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
	Aphelochaeta monilaris	Polychaeta				40	86	56	60.7	63.0	40	86	23.4	13.5	52.5	182
	Aphelochaeta nr. williamsae	Polychaeta				73	59	118	83.3	88.5	59	118	30.8	17.8	69.4	250
	Capitella capitata	Polychaeta				5	19	14	12.7	12.0	5	19	7.1	4.1	16.0	38
	Cirratulidae spp. indet.	Polychaeta				0	0	7	2.3	3.5	0	7	4.0	2.3	9.1	7
	Cossura pygodaelytata	Polychaeta				0	3	14	5.7	7.0	0	14	7.4	4.3	16.6	17
	Eteone sp(p)	Polychaeta				0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
	Euchone limnicola	Polychaeta				0	0	2	0.7	1.0	0	2	1.2	0.7	2.6	2
	Exogone laurei	Polychaeta				2	4	1	2.3	2.5	1	4	1.5	0.9	3.4	7
	Glycinde polygnatha	Polychaeta				1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2
	Mediomastus californiensis	Polychaeta				80	70	22	57.3	51.0	22	80	31.0	17.9	69.8	172
	Mediomastus sp(p)	Polychaeta				0	0	52	17.3	26.0	0	52	30.0	17.3	67.6	52
	Sphaerosyllis californiensis	Polychaeta				0	1	2	1.0	1.0	0	2	1.0	0.6	2.3	3
	Streblospio benedicti	Polychaeta				32	53	41	42.0	42.5	32	53	10.5	6.1	23.7	126
	Brania brevipharyngea	Polychaeta				0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	Eteone californica	Polychaeta				0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	Euchone limnicola	Polychaeta				1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2
	Glycinde armigera	Polychaeta				0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	Owenia fusiformis	Polychaeta				1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1

BENTHIC COMMUNITY ANALYSES: STATISTICAL SUMMARIES

STATUM	STATION	IDORG	DATE	LEG				
14001	EUREKA WATERFRONT- H STREET (cont.)	1587	04/17/96	42				
Species								
Taxa								
# of Sp.								
Number per core								
Summary Statistics								
	mean	median	min	max	St. Dev.	S.E.	95%CI.	sum
Platyhelminthes	0.3	0.5	0	1	0.6	0.3	1.3	1
Polychaeta	0.3	0.5	0	1	0.6	0.3	1.3	1
Polychaeta	0.7	0.5	0	1	0.6	0.3	1.3	2
Priospio lighti	0.3	0.5	0	1	0.6	0.3	1.3	1
Pseudopolydora paucibranchiata	0.7	1.0	0	2	1.2	0.7	2.6	2
Tharyx parvus	2.7	3.0	1	5	2.1	1.2	4.7	8
Nemertea	29.7	31.0	0	62	31.1	17.9	69.9	89
Oligochaeta	1.3	1.5	1	2	0.6	0.3	1.3	4
Phoronida	363.3	348.5	280	417	73.2	42.2	164.6	1090
<b>Total Individuals</b>			393	417				
<b>Total Species</b>	42		28	22				
<b>Total Crust. Indiv.</b>	28.7	39.5	4	75	40.2	23.2	90.3	86
<b>Total Crust. Sp.</b>	4.0	4.0	2	6	2.0	1.2	4.5	12
Gammarid Indiv.	3.7	3.5	0	7	3.5	2.0	7.9	11
Gammarid Sp.	1.3	1.0	0	2	1.2	0.7	2.6	4
Other Crustacean Indiv.	25.0	35.5	3	68	37.2	21.5	83.8	75
Other Crustacean Sp.	2.7	3.0	2	4	1.2	0.7	2.6	8
<b>Total Echinoderm Indiv.</b>	0.0	0.0	0	0	0.0	0.0	0.0	0
<b>Total Echinoderm Sp.</b>	0.0	0.0	0	0	0.0	0.0	0.0	0
<b>Total Mollusc Indiv.</b>	10.0	9.5	3	16	6.6	3.8	14.8	30
<b>Total Mollusc Sp.</b>	3.0	2.5	1	4	1.7	1.0	3.9	9
<b>Total Polychaete Indiv.</b>	291.0	284.5	237	332	48.8	28.2	109.8	873
<b>Total Polychaete Sp.</b>	13.3	13.5	11	16	2.5	1.5	5.7	40

STATUM	STATION	IDORG	DATE	LEG				
10006	BODIEGA BAY MASON'S MARINA	1682	12/06/96	47				
Species								
Taxa								
# of Sp.								
Number per core								
Summary Statistics								
	mean	median	min	max	St. Dev.	S.E.	95%CI.	sum
Cumacea	2.3	2.5	1	4	1.5	0.9	3.4	7
Nippoleucon hinumensis	1.7	1.5	0	3	1.5	0.9	3.4	5
Anapelsca cristata	0.3	0.5	0	1	0.6	0.3	1.3	1
Corophium sp.	1.3	1.5	0	3	1.5	0.9	3.4	4
Listriella melanica	1.0	1.0	0	2	1.0	0.6	2.3	3
Paramirodentopus schmitti	1.0	1.0	0	2	1.0	0.6	2.3	3

BENTHIC COMMUNITY ANALYSIS: STATISTICAL SUMMARIES

STATION 10006 BODICA BAY MASON'S MARINA (cont.) IDORG 1682 DATE 12/06/96 LRG 47  
 Species # of Sp.

Taxa	Number per core			Summary Statistics							
	rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CI	sum
Nebalia pugilifemur	0	1	8	3.0	4.0	0	8	4.4	2.5	9.8	9
Parastrepse sp	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Leptochelia dubia	1	2	1	1.3	1.5	1	2	0.6	0.3	1.3	4
Gemma gemma	3	15	0	6.0	7.5	0	15	7.9	4.6	17.9	18
Miocomma yoldiformis	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Protohaca staminea	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Tellina modesta	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Capitellidae	0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Ampharetidae, unident. (juv)	9	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Aphelochaeta monilaris	1	0	0	3.0	4.5	0	9	5.2	3.0	11.7	9
Armandia brevis	18	28	3	2.7	3.5	0	7	3.8	2.2	8.5	8
Brania brevipharyngea	1	1	1	16.3	15.5	3	28	12.6	7.3	28.3	49
Capitella capitata	0	0	1	1.0	1.0	1	1	0.0	0.0	0.0	3
Chaetozone lunula	1	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1
Chaetozone senticosa	2	15	5	7.3	10.5	0	21	11.8	6.8	26.7	22
Curatulidae spp. indef.	4	9	0	7.3	8.5	2	15	6.8	3.9	15.3	22
Cirratulus spectabilis	1	0	5	4.3	4.5	0	9	4.5	2.6	10.1	13
Cossura candida	8	8	1	2.0	2.5	0	5	2.6	1.5	6.0	6
Dorvillea longicornis	22	9	42	5.7	4.5	1	8	4.0	2.3	9.1	17
Eteone sp(p)	40	13	0	24.3	25.5	9	42	16.6	9.6	37.4	73
Eupolyommia heterobranchia	0	1	2	17.7	20.0	0	40	20.4	11.8	45.9	53
Exogone fouriei	2	0	5	1.0	1.0	0	2	1.0	0.6	2.3	3
Heteromastus filibranchus	17	1	0	2.3	2.5	0	5	2.5	1.5	5.7	7
Mediomastus californiensis	0	1	0	6.0	8.5	0	17	9.5	5.5	21.5	18
Mediomastus sp(p)	2	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
Nephtys exocoetes	12	3	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Platynereis bicanalectulata	0	1	16	5.0	6.0	0	12	6.2	3.6	14.1	15
Pseudopolydora pauicibranchiata	2	0	0	5.7	8.0	0	16	9.0	5.2	20.2	17
Scotetoma zonata	6	1	0	0.7	1.0	0	2	1.2	0.7	2.6	2
Sphaerosyllis californiensis	1	0	3	2.3	3.0	0	6	3.2	1.9	7.2	7
Spirophanes duplex	3	0	0	1.3	1.5	0	3	1.5	0.9	3.4	4
Nematoda	2	1	0	1.0	1.5	0	3	1.7	1.0	3.9	3
Nemertea	7	3	1	3.7	4.0	1	7	3.1	1.8	6.9	11
Oligochaeta	2	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
	113	3	4	40.0	58.0	3	113	63.2	36.5	142.2	120

BENTHIC COMMUNITY ANALYSES: STATISTICAL SUMMARIES

STATION	IDORG	DATE	LEG	# of Sp.	Number per core			Summary Statistics							
					rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
10006	BODEGA BAY MASON'S MARINA (cont.)	12/06/96	47		285	124	137	182.0	204.5	124	285	89.4	51.6	201.2	546
	Species														
	Total Individuals														
	Total Species			39	28	24	23	25.0	25.5	23	28	2.6	1.5	6.0	75
	Total Crust. Indiv.			8	6	11	17	11.3	11.5	6	17	5.5	3.2	12.4	34
	Total Crust. Sp.			4	4	7	5	5.3	5.5	4	7	1.5	0.9	3.4	16
	Gammarid Indiv.			4	3	6	4	4.3	4.5	3	6	1.5	0.9	3.4	13
	Gammarid Sp.			4	1	4	2	2.3	2.5	1	4	1.5	0.9	3.4	7
	Other Crustacean Indiv.			4	3	5	13	7.0	8.0	3	13	5.3	3.1	11.9	21
	Other Crustacean Sp.			4	3	3	3	3.0	3.0	3	3	0.0	0.0	0.0	9
	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.			4	3	15	3	7.0	9.0	3	15	6.9	4.0	15.6	21
	Total Mollusc Sp.			4	1	1	3	1.7	2.0	1	3	1.2	0.7	2.6	5
	Total Polychaete Indiv.			24	154	92	112	119.3	123.0	92	154	31.6	18.3	71.2	358
	Total Polychaete Sp.			24	20	14	13	15.7	16.5	13	20	3.8	2.2	8.5	47

STATION	IDORG	DATE	LEG	# of Sp.	Number per core			Summary Statistics							
					rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
10007	BODEGA-SPUD POINT MARINA	12/05/96	47		0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	Species														
	Amphipoda			0	0	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1
	Bemlos concavus			0	1	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
	Eobrolgus sp.			3	0	0	0	1.0	1.5	0	3	1.7	1.0	3.9	3
	Foxiphadus gollfensis			1	1	2	2	1.3	1.5	1	2	0.6	0.3	1.3	4
	Listriella melanica			95	83	140	140	106.0	111.5	83	140	30.0	17.3	67.6	318
	Paranierodentopus schmitti			0	2	2	2	1.3	1.0	0	2	1.2	0.7	2.6	4
	Bathyleberis sp.			2	0	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
	Parasterepe sp.			2	0	0	0	0.7	1.0	0	2	1.2	0.7	2.6	2
	Rufiderma sp. a			0	2	3	3	1.7	1.5	0	3	1.5	0.9	3.4	5
	Leptochelia dubia			0	0	1	1	0.3	0.5	0	1	0.6	0.3	1.3	1
	Ophiuroidea			13	19	12	12	14.7	15.5	12	19	3.8	2.2	8.5	44
	Ciema gemma			2	3	5	5	3.3	3.5	2	5	1.5	0.9	3.4	10
	Armandia brevis														



BENTHIC COMMUNITY ANALYSES: STATISTICAL SUMMARIES

STATION 10028 PORTO BODEGA MARINA

IDORG: 1684 DATE: 12/06/96 LBG: 47

Species	# of Sp.			Number per core							Summary Statistics				
	rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95% C.I.	sum				
Eudorella pacifica	0	2	2	1.3	1.0	0	2	1.2	0.7	2.6	4				
Nippoleucon hinumensis	11	7	14	10.7	10.5	7	14	3.5	2.0	7.9	32				
Bemlos concaeus	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1				
Nebalia pugettensis	0	5	1	2.0	2.5	0	5	2.6	1.5	6.0	6				
Leptochelia dubia	15	19	3	12.3	11.0	3	19	8.3	4.8	18.7	37				
Genina gemma	3	4	0	2.3	2.0	0	4	2.1	1.2	4.7	7				
Macoma seeta	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1				
Macoma yoldiformis	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1				
Protothaca staminea	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2				
Saxidomus nuttalli	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1				
Odosstomia sp.	0	0	4	1.3	2.0	0	4	2.3	1.3	5.2	4				
Ampharetidae, unident. (juv)	1	0	69	23.3	34.5	0	69	39.6	22.8	89.0	70				
Aphelochada monilaris	22	20	2	14.7	12.0	2	22	11.0	6.4	24.8	44				
Amanidia brevis	4	10	2	5.3	6.0	2	10	4.2	2.4	9.4	16				
Chaetozone lunula	1	0	9	3.3	4.5	0	9	4.9	2.8	11.1	10				
Chaetozone senticosa	4	1	0	1.7	2.0	0	4	2.1	1.2	4.7	5				
Cirratulidae spp. indet.	11	0	0	3.7	5.5	0	11	6.4	3.7	14.3	11				
Cirratulus spectabilis	1	1	133	45.0	67.0	1	133	76.2	44.0	171.5	135				
Cossura candida	96	86	2	61.3	49.0	2	96	51.6	29.8	116.2	184				
Dorvillea longicornis	7	17	1	8.3	9.0	1	17	8.1	4.7	18.2	25				
Exogone lourei	1	1	4	2.0	2.5	1	4	1.7	1.0	3.9	6				
Glycinde polygnatha	3	2	2	2.3	2.5	2	3	0.6	0.3	1.3	7				
Leitoscoloplos pugettensis	6	4	11	7.0	7.5	4	11	3.6	2.1	8.1	21				
Mediomastus sp.(p)	2	2	0	1.3	1.0	0	2	1.2	0.7	2.6	4				
Pedmaria californiensis	1	2	1	1.3	1.5	1	2	0.6	0.3	1.3	4				
Platynereis bicanelulata	3	15	2	6.7	8.5	2	15	7.2	4.2	16.3	20				
Sphaerosyllis californiensis	13	24	0	12.3	12.0	0	24	12.0	6.9	27.0	37				
Spirophanes duplex	1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1				
Typosyllis hyalina	0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1				
Nematoda	3	0	0	1.0	1.5	0	3	1.7	1.0	3.9	3				
Nemertea	1	1	0	0.7	0.5	0	1	0.6	0.3	1.3	2				
Oligochaeta	76	6	19	33.7	41.0	6	76	37.2	21.5	83.8	101				
<b>Total Individuals</b>	<b>289</b>	<b>232</b>	<b>282</b>	<b>267.7</b>	<b>260.5</b>	<b>232</b>	<b>289</b>	<b>31.1</b>	<b>17.9</b>	<b>69.9</b>	<b>803</b>				
<b>Total Species</b>	<b>26</b>	<b>23</b>	<b>19</b>	<b>22.7</b>	<b>22.5</b>	<b>19</b>	<b>26</b>	<b>3.5</b>	<b>2.0</b>	<b>7.9</b>	<b>68</b>				

BENTHIC COMMUNITY ANALYSIS: STATISTICAL SUMMARIES

STATION	IDORG	DATE	LEG	# of Sp.	Number per core			Summary Statistics							
10028	PORTO BODEGA MARINA (cont.)	12/06/96	47		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Species															
Total Crust. Indiv.				27	33	20	26.7	26.5	20	33	6.5	3.8	14.6	80	
Total Crust. Sp.		5		3	4	4	3.7	3.5	3	4	0.6	0.3	1.3	11	
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.				26	33	20	26.3	26.5	20	33	6.5	3.8	14.6	79	
Other Crustacean Sp.		4		2	4	4	3.3	3.0	2	4	1.2	0.7	2.6	10	
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	6	5	5.3	5.5	5	6	0.6	0.3	1.3	16	
Total Mollusc Sp.		6		3	3	2	2.7	2.5	2	3	0.6	0.3	1.3	8	
Total Polychaete Indiv.				177	186	238	200.3	207.5	177	238	32.9	19.0	74.1	601	
Total Polychaete Sp.		18		17	14	12	14.3	14.5	12	17	2.5	1.5	5.7	43	

STATION	IDORG	DATE	LEG	# of Sp.	Number per core			Summary Statistics							
100-40	UNCONTAMINATED SITE-33D	12/06/96	47		rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CL	sum
Species															
Cumella sp.				0	4	2	2.0	2.0	0	4	2.0	1.2	4.5	6	
Nippoleucon hinumensis				1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Ampithoe sp.				0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Grandicerella japonica				0	1	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Leptochelia dubia				7	2	7	5.3	4.5	2	7	2.9	1.7	6.5	16	
Gemma gemma				13	24	25	20.7	19.0	13	25	6.7	3.8	15.0	62	
Aphelochaeta elongata				1	0	0	0.3	0.5	0	1	0.6	0.3	1.3	1	
Armandia brevis				1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2	
Axiobella rubrocincta				0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
Capitella capitata				1	0	1	0.7	0.5	0	1	0.6	0.3	1.3	2	
Cirriformia spirabranchia				0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	
Cossura pygodaetylata				1	0	9	3.3	4.5	0	9	4.9	2.8	11.1	10	
Exogone lotrei				13	14	1	9.3	7.5	1	14	7.2	4.2	16.3	28	
Maldanidae, unident. (Juv)				0	4	1	1.7	2.0	0	4	2.1	1.2	4.7	5	
Mediomastus californiensis				0	0	1	0.3	0.5	0	1	0.6	0.3	1.3	1	

BENTHIC COMMUNITY ANALYSIS: STATISTICAL SUMMARIES

STATION	IDORG	DATE	LEG	Number per core				Summary Statistics						
				rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CI	sum
10040	1685	12/06/96	47											
UNCONTAMINATED SITE-33D (cont.)														
Species	Taxa	# of Sp.	rep 1	rep 2	rep 3	mean	median	min	max	St. Dev.	S.E.	95%CI	sum	
Nephtys caecoides	Polychaeta		0	2	0	0.7	1.0	0	2	1.2	0.7	2.6	2	
Platynereis bicamaliculata	Polychaeta		1	0	7	2.7	3.5	0	7	3.8	2.2	8.5	8	
Streblospio benedicti	Polychaeta		7	4	0	3.7	3.5	0	7	3.5	2.0	7.9	11	
Oligochaeta	Oligochaeta		38	1	1	13.3	19.5	1	38	21.4	12.3	48.1	40	
<b>Total Individuals</b>			84	56	58	66.0	70.0	56	84	15.6	9.0	35.1	198	
<b>Total Species</b>		19	11	9	13	11.0	11.0	9	13	2.0	1.2	4.5	33	
<b>Total Crust. Indiv.</b>			8	7	10	8.3	8.5	7	10	1.5	0.9	3.4	25	
<b>Total Crust. Sp.</b>		5	2	3	3	2.7	2.5	2	3	0.6	0.3	1.3	8	
Gammarid Indiv.			0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2	
Gammarid Sp.		2	0	1	1	0.7	0.5	0	1	0.6	0.3	1.3	2	
Other Crustacean Indiv.			8	6	9	7.7	7.5	6	9	1.5	0.9	3.4	23	
Other Crustacean Sp.		3	2	2	2	2.0	2.0	2	2	0.0	0.0	0.0	6	
<b>Total Echinoderm Indiv.</b>			0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
<b>Total Echinoderm Sp.</b>		0	0	0	0	0.0	0.0	0	0	0.0	0.0	0.0	0	
<b>Total Mollusc Indiv.</b>			13	24	25	20.7	19.0	13	25	6.7	3.8	15.0	62	
<b>Total Mollusc Sp.</b>		1	1	1	1	1.0	1.0	1	1	0.0	0.0	0.0	3	
<b>Total Polychaete Indiv.</b>			25	24	22	23.7	23.5	22	25	1.5	0.9	3.4	71	
<b>Total Polychaete Sp.</b>		12	7	4	8	6.3	6.0	4	8	2.1	1.2	4.7	19	



