

Section VI

Polychaete Growth and Survival

Neanthes Solid Phase Percent Survival

STANUM	STATION	IDORG	DATE	LEG	NASURY_MN	NASURY_SD	NASURY_SG
90006.0	23 SWARTZ	155	10/13/92	5	-9	-9	-9
90019.0	E DE LAPPE	168	10/13/92	5	-9	-9	-9
90021.0	K SWARTZ	170	10/13/92	5	-9	-9	-9
90031.0	BG SCHROEDER SITE G	180	10/13/92	5	-9	-9	-9
90038.0	CC	187	10/13/92	5	-9	-9	-9
90071.0	BAIT BARGE	220	10/13/92	5	-9	-9	-9
90101.0	SCRIPPS PIER	250	10/13/92	5	-9	-9	-9
90036.0	STORM DRAIN- ROHR CHANNEL	185	10/14/92	5	-9	-9	-9
90053.0	35 SWARTZ	202	10/14/92	5	-9	-9	-9
90054.0	36 SWARTZ	203	10/14/92	5	-9	-9	-9
90001.0	11 SWARTZ	150	10/27/92	6	100.00	0.00	NS
90002.0	12 SWARTZ	151	10/27/92	6	96.00	8.90	NS
90016.0	42 SWARTZ	165	10/27/92	6	100.00	0.00	NS
90049.0	8B	198	10/27/92	6	84.00	35.80	NS
90056.0	8A SWARTZ	205	10/27/92	6	80.00	20.00	NS
90063.0	THOMPSON SITE 205	212	10/27/92	6	100.00	0.00	NS
90003.0	14 SWARTZ	152	10/28/92	6	100.00	0.00	NS
90004.0	15 SWARTZ	153	10/28/92	6	64.00	21.80	NS
90010.0	31 SWARTZ	159	10/28/92	6	100.00	0.00	NS
90011.0	33 SWARTZ	160	10/28/92	6	100.00	0.00	NS
90013.0	37 SWARTZ	162	10/28/92	6	92.00	11.00	NS
90017.0	C DELAPPE	166	10/28/92	6	92.00	18.00	NS
90048.0	6 SWARTZ	197	10/28/92	6	100.00	0.00	NS
90051.0	16 SWARTZ	200	10/28/92	6	100.00	18.00	NS
90052.0	32 SWARTZ	201	10/28/92	6	92.00	0.00	NS
90007.0	25 SWARTZ	156	11/10/92	7	-9	-9	-9
90008.0	27 SWARTZ	157	11/10/92	7	-9	-9	-9
90009.0	28 SWARTZ	158	11/10/92	7	-9	-9	-9
90022.0	P SWARTZ	171	11/10/92	7	-9	-9	-9
90026.0	SDNI-N18	175	11/10/92	7	-9	-9	-9
90027.0	NSB-S1	176	11/10/92	7	-9	-9	-9
90028.0	NSB-M1	177	11/10/92	7	-9	-9	-9
90029.0	NSB-R1	178	11/10/92	7	-9	-9	-9
90023.0	NM SANDBAG	172	11/11/92	7	-9	-9	-9
90024.0	SDNI-N1	173	11/11/92	7	-9	-9	-9
90025.0	SDNI-N5	174	11/11/92	7	-9	-9	-9
90050.0	10 SWARTZ	199	11/11/92	7	-9	-9	-9
90055.0	43 SWARTZ	204	11/11/92	7	-9	-9	-9
90102.0	HARBOR BRIDGE 71A	256	11/11/92	7	-9	-9	-9
90103.0	SCRIPPS TRIANGLE	257	11/11/92	7	-9	-9	-9
90005.0	21 SWARTZ	154	1/26/93	12	-9	-9	-9
90014.0	38 SWARTZ	163	1/26/93	12	-9	-9	-9
90018.0	D DE LAPPE	167	1/26/93	12	-9	-9	-9
90020.0	G DE LAPPE	169	1/26/93	12	-9	-9	-9

Neanthes Solid Phase Percent Survival

STANUM	STATION	IDORG	DATE	LEG	NASURV_MN	NASURV_SD	NASURV_SG
90030.0	BF SCHROEDER SITE F	179	1/26/93	12	-9	-9	-9
90032.0	BM SCHROEDER SITE M	181	1/26/93	12	-9	-9	-9
90037.0	STORM DRAIN EM- GRAPE STREET	186	1/26/93	12	-9	-9	-9
90039.0	CL	188	1/26/93	12	-9	-9	-9
90043.0	CORONADO WHARF	192	1/26/93	12	-9	-9	-9
90104.0	WEST BASIN ENTRANCE (71C) REF	275	1/26/93	12	-9	-9	-9
90012.0	34 SWARTZ	161	1/27/93	12	-9	-9	-9
90015.0	41 SWARTZ	164	1/27/93	12	-9	-9	-9
90040.0	SWEETWATER MARSH SD BAY	189	1/27/93	12	-9	-9	-9
90041.0	SOUTH SD BAY WETLANDS-OTAY R.	190	1/27/93	12	-9	-9	-9
90057.0	5 SDG&E	206	1/27/93	12	-9	-9	-9
90058.0	7 SDG&E	207	1/27/93	12	-9	-9	-9
93105.0	MISSION BAY A1 (x1)	700	3/23/93	15	-9	-9	-9
93106.0	MISSION BAY A2 (x1)	701	3/23/93	15	-9	-9	-9
93107.0	MISSION BAY A3 (x1)	702	3/23/93	15	-9	-9	-9
93108.0	MISSION BAY A4 (x1)	703	3/23/93	15	-9	-9	-9
93109.0	MISSION BAY A5 (x1)	704	3/23/93	15	-9	-9	-9
93110.0	MISSION BAY A6 (x1)	705	3/23/93	15	-9	-9	-9
93112.0	MISSION BAY A8 (x1)	707	3/23/93	15	-9	-9	-9
93113.0	MISSION BAY A9 (x1)	708	3/23/93	15	-9	-9	-9
93114.0	MISSION BAY A10 (x1)	709	3/23/93	15	-9	-9	-9
93115.0	MISSION BAY A11 (x1)	710	3/23/93	15	-9	-9	-9
93116.0	SAN DIEGO RIVER B1 (x4)	711	3/23/93	15	-9	-9	-9
93117.0	SAN DIEGO RIVER B2 (x2)	712	3/23/93	15	-9	-9	-9
93111.0	MISSION BAY A7 (x3)	706	3/24/93	15	-9	-9	-9
90002.0	12 SWARTZ	719	3/24/93	15	-9	-9	-9
90037.0	STORMDRAIN EM- GRAPE STREET	720	3/24/93	15	-9	-9	-9
90015.0	41 SWARTZ	721	3/24/93	15	-9	-9	-9
90012.0	34 SWARTZ	722	3/24/93	15	-9	-9	-9
90057.0	5 SDG&E	723	3/24/93	15	-9	-9	-9
90052.0	32 SWARTZ	724	3/24/93	15	-9	-9	-9
93118.0	TIJUANA R. ESTUARY HH1 (x2)	713	3/25/93	15	-9	-9	-9
93119.0	TIJUANA R. ESTUARY HH1 (x1)	714	3/25/93	15	-9	-9	-9
93120.0	TIJUANA R. ESTUARY HH2 (x1)	715	3/25/93	15	-9	-9	-9
93121.0	TIJUANA R. ESTUARY HH2 (x5)	716	3/25/93	15	-9	-9	-9
93128.0	SILVER STRAND FF7 (x2)	729	4/6/93	16	-9	-9	-9
93127.0	SOUTH BAY GG2 (x1)	730	4/6/93	16	-9	-9	-9
93129.0	SOUTH BAY GG4 (x1)	732	4/6/93	16	-9	-9	-9
90014.0	38 SCHWARTZ	733	4/6/93	16	-9	-9	-9
93131.0	CORONADO CAYS T1 (x1)	734	4/6/93	16	-9	-9	-9
93132.0	CORONADO CAYS T3 (x1)	735	4/6/93	16	-9	-9	-9
93133.0	CHANNEL-NAVAL BASE Z1 (x1)	736	4/6/93	16	-9	-9	-9
93134.0	SOUTH SHORE-MOUTH BB2 (x1)	737	4/6/93	16	-9	-9	-9
93135.0	SOUTH SHORE-MOUTH BB3 (x1)	738	4/6/93	16	-9	-9	-9

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STANUM	STATION	IDORG	DATE	LEG	NASURV_MN	NASURV_SD	NASURV_SG
93136.0	NORTH SHORE-MOUTH CC2 (x1)	739	4/6/93	16	-9	-9	-9
93138.0	SHELTER ISLAND E3 (x2)	741	4/6/93	16	-9	-9	-9
93128.0	SOUTHBAY GG5 (x1)	750	4/6/93	16	-9	-9	-9
93122.0	SOUTH SHORE-CORONADO DD3 (x1)	725	4/7/93	16	-9	-9	-9
93123.0	SILVER STRAND FF1 (x1)	726	4/7/93	16	-9	-9	-9
93124.0	SILVER STRAND FF2 (x1)	727	4/7/93	16	-9	-9	-9
93125.0	SILVER STRAND FF4 (x4)	728	4/7/93	16	-9	-9	-9
90006.0	23 SCHWARTZ	731	4/7/93	16	-9	-9	-9
93137.0	NORTH SHORE-MOUTH CC3 (x1)	740	4/7/93	16	-9	-9	-9
93139.0	COMMERCIAL BASIN F1 (x1)	742	4/7/93	16	-9	-9	-9
93140.0	COMMERCIAL BASIN F2 (x1)	743	4/7/93	16	-9	-9	-9
93141.0	COMMERCIAL BASIN F3 (x1)	744	4/7/93	16	-9	-9	-9
90018.0	D DE LAPPE	748	4/7/93	16	-9	-9	-9
90030.0	BF SCHROEDER SITE F	749	4/7/93	16	-9	-9	-9
93148.0	CHANNEL-CORONADO Y1 (x2)	751	4/7/93	16	-9	-9	-9
93142.0	SOUTH SHORE-CORONADO DD1(x1)	752	4/7/93	16	-9	-9	-9
93144.0	CAMPBELL SHIPYARDS N1 (x1)	754	4/20/93	17	-9	-9	-9
93145.0	CAMPBELL SHIPYARDS N2 (x1)	755	4/20/93	17	-9	-9	-9
93146.0	GLORIETTA BAY U2 (x1)	756	4/20/93	17	-9	-9	-9
93147.0	GLORIETTA BAY U3 (x1)	757	4/20/93	17	-9	-9	-9
93149.0	CHANNEL-MOUTH X1 (x1)	758	4/20/93	17	-9	-9	-9
93150.0	CHANNEL-NAVAL BASE Z1 (x2)	759	4/20/93	17	-9	-9	-9
93151.0	CHANNEL-SOUTH BAY AA1 (x1)	760	4/20/93	17	-9	-9	-9
93152.0	SOUTH SHORE-MOUTH BB1 (x1)	761	4/20/93	17	-9	-9	-9
93154.0	NORTH SHORE-MOUTH CC4 (x1)	763	4/20/93	17	-9	-9	-9
93155.0	SOUTH SHORE-CORONADO DD2 (x1)	764	4/20/93	17	-9	-9	-9
93156.0	NORTH SHORE-CORONADO EE1 (x1)	765	4/20/93	17	-9	-9	-9
93157.0	NORTH SHORE-CORONADO EE2 (x1)	766	4/20/93	17	-9	-9	-9
93158.0	SOUTH BAY GG1 (x1)	767	4/20/93	17	-9	-9	-9
93159.0	SOUTH BAY GG3 (x1)	768	4/20/93	17	-9	-9	-9
93160.0	CHANNEL-SOUTH BAY AA2(x1)BLIND	773	4/20/93	17	-9	-9	-9
93143.0	FUEL PIERS D1 (x1)	753	4/21/93	17	-9	-9	-9
93153.0	NORTH SHORE-MOUTH CC1 (x1)	762	4/21/93	17	-9	-9	-9
93161.0	SUB BASE C1 (x1)	774	5/4/93	18	-9	-9	-9
93162.0	SUB BASE C3 (x1)	775	5/4/93	18	-9	-9	-9
93163.0	FUEL PIERS D2 (x2)	776	5/4/93	18	-9	-9	-9
93164.0	SHELTER ISLAND E1 (x1)	777	5/4/93	18	-9	-9	-9
93165.0	NAVY ESTUARY G1 (x1)	778	5/4/93	18	-9	-9	-9
93166.0	NAVY ESTUARY G2 (x1)	779	5/4/93	18	-9	-9	-9
93167.0	NAVY ESTUARY G3 (x1)	780	5/4/93	18	-9	-9	-9
93169.0	EAST BASIN I2 (x1)	782	5/4/93	18	-9	-9	-9
93171.0	MARINE TERMINAL R1 (x1)	784	5/4/93	18	-9	-9	-9
93172.0	SILVER STRAND FF3 (x1)	785	5/4/93	18	-9	-9	-9
93173.0	SILVER STRAND FF6 (x1)	786	5/4/93	18	-9	-9	-9

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STANUM	STATION	IDORG	DATE	LEG	NASURV_MN	NASURV_SD	NASURV_SG
93168.0	WEST BASIN H2 (x1)	781	5/5/93	18	-9	-9	-9
93170.0	CHOLLAS CREEK P1 (x2)	783	5/5/93	18	-9	-9	-9
93174.0	TIJUANA R. ESTUARY HH3 (x2)	787	5/5/93	18	-9	-9	-9
93175.0	TIJUANA R. ESTUARY HH3 (x3)	788	5/5/93	18	-9	-9	-9
93176.0	MARINE TERMINAL R6 (x1) BLIND	794	5/6/93	18	-9	-9	-9
93177.0	NAVAL SHIPYARDS O1 (x1)	795	5/26/93	19	-9	-9	-9
93178.0	NAVAL SHIPYARDS O2 (x1)	796	5/26/93	19	-9	-9	-9
93179.0	NAVAL SHIPYARDS O3 (x1)	797	5/26/93	19	-9	-9	-9
93181.0	NAVAL SHIPYARDS O6 (x1)	799	5/26/93	19	-9	-9	-9
93182.0	NAVAL SHIPYARDS O8 (x4)	800	5/26/93	19	-9	-9	-9
93183.0	NAVAL SHIPYARDS O9 (x1)	801	5/26/93	19	-9	-9	-9
93184.0	NAVAL SHIPYARDS O11 (x1)	802	5/26/93	19	-9	-9	-9
93185.0	NAVAL SHIPYARDS O14 (x1)	803	5/26/93	19	-9	-9	-9
93186.0	FUEL PIER D4 (x1)	804	5/26/93	19	-9	-9	-9
93187.0	MARINE TERMINAL R2 (x1)	805	5/26/93	19	-9	-9	-9
93188.0	CARRIER BASE V1 (x2)	806	5/26/93	19	-9	-9	-9
93189.0	NAVAL SHIPYARDS O15 (x1) BLIND	814	5/26/93	18	-9	-9	-9
90051.0	16 SWARTZ (INTERCONT. MARINA)	818	6/15/93	20	-9	-9	-9
93192.0	INTERCONT. MARINA M1 (x2)	819	6/15/93	20	-9	-9	-9
93193.0	INTERCONT. MARINA M1 (x1)	820	6/15/93	20	-9	-9	-9
90037.0	STORMDRAIN EM (GRAPE ST.)-REP1	827	6/15/93	20	-9	-9	-9
90037.0	STORMDRAIN EM (GRAPE ST.)-REP2	828	6/15/93	20	-9	-9	-9
90037.0	STORMDRAIN EM (GRAPE ST.)-REP3	829	6/15/93	20	-9	-9	-9
93198.0	INTERCONT. MARINA M2(x1) BLIND	833	6/15/93	20	-9	-9	-9
90013.0	37 SWARTZ (MARINA)	815	6/16/93	20	-9	-9	-9
93190.0	MARINA III (x1)	816	6/16/93	20	-9	-9	-9
93191.0	MARINA III (x3)	817	6/16/93	20	-9	-9	-9
90015.0	41 SWARTZ (GLORIETTA BAY)	821	6/16/93	20	-9	-9	-9
93194.0	GLORIETTA BAY U1 (x1)	822	6/16/93	20	-9	-9	-9
93195.0	GLORIETTA BAY U1 (x2)	823	6/16/93	20	-9	-9	-9
90012.0	34 SWARTZ (C.V. YACHT BASIN)	824	6/16/93	20	-9	-9	-9
93196.0	CHULA V. YACHT BASIN S1 (x1)	825	6/16/93	20	-9	-9	-9
93197.0	CHULA V. YACHT BASIN S1 (x3)	826	6/16/93	20	-9	-9	-9
90053.0	35 SWARTZ (CORONADO CAYS)	843	7/20/93	21	-9	-9	-9
93203.0	CORONADO CAYS T2 (x1)	844	7/20/93	21	-9	-9	-9
93204.0	CORONADO CAYS T2 (x2)	845	7/20/93	21	-9	-9	-9
90003.0	14 SWARTZ (DOWNTOWN PIERS)	846	7/20/93	21	100.00	0.00	NS
93205.0	DOWNTOWN PIERS K1 (x9)	847	7/20/93	21	88.00	17.90	NS
93206.0	DOWNTOWN PIERS K1 (x11)	848	7/20/93	21	88.00	17.90	NS
90004.0	15 SWARTZ (G ST. PIER MARINA)	849	7/20/93	21	96.00	8.90	NS
93207.0	G ST. PIER MARINA L1 (x4)	850	7/20/93	21	92.00	11.00	NS
93208.0	G ST. PIER MARINA L1 (x5)	851	7/20/93	21	92.00	11.00	NS
93209.0	DOWNTOWN PIERS K4 BLIND (x4)	852	7/20/93	21	-9	-9	-9
93107.0	MISSION BAY A3 (x1)-REP 1	853	7/21/93	21	-9	-9	-9

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STANUM	STATION	IDORG	DATE	LEG	NASURY_MN	NASURY_SD	NASURY_SG
93107.0	MISSION BAY A3 (x1)-REP 2	854	7/21/93	21	-9	-9	-9
93107.0	MISSION BAY A3 (x1)-REP 3	855	7/21/93	21	-9	-9	-9
93112.0	MISSION BAY A8 (x1)-REP 1	856	7/21/93	21	-9	-9	-9
93112.0	MISSION BAY A8 (x1)-REP 2	857	7/21/93	21	-9	-9	-9
93112.0	MISSION BAY A8 (x1)-REP 3	858	7/21/93	21	-9	-9	-9
93108.0	MISSION BAY A4 (x1)-REP 1	859	7/21/93	21	-9	-9	-9
93108.0	MISSION BAY A4 (x1)-REP 2	860	7/21/93	21	-9	-9	-9
93108.0	MISSION BAY A4 (x1)-REP 3	861	7/21/93	21	-9	-9	-9
90050.0	10 SWARTZ (WEST BASIN)	837	8/3/93	21	-9	-9	-9
93199.0	WEST BASIN H1 (x1)	838	8/3/93	21	-9	-9	-9
93200.0	WEST BASIN H1 (x4)	839	8/3/93	21	-9	-9	-9
90001.0	11 SWARTZ (EAST BASIN)	840	8/3/93	21	-9	-9	-9
93201.0	EAST BASIN I1 (x1)	841	8/3/93	21	-9	-9	-9
93202.0	EAST BASIN I1 (x5)	842	8/3/93	21	-9	-9	-9
93180.0	NAVAL BASE/SHIPYARDS O5 (x1)	798	8/4/93	22	-9	-9	-9
90021.0	K SWARTZ (NAVAL BASE O4)	862	8/4/93	22	-9	-9	-9
93210.0	NAVAL BASE/SHIPYARDS O4 (x1)	863	8/4/93	22	-9	-9	-9
93211.0	NAVAL BASE/SHIPYARDS O4 (x2)	864	8/4/93	22	-9	-9	-9
90006.0	23 SWARTZ (NAVAL BASE O7)	865	8/4/93	22	-9	-9	-9
93212.0	NAVAL BASE/SHIPYARDS O7 (x1)	866	8/4/93	22	-9	-9	-9
93213.0	NAVAL BASE/SHIPYARDS O7 (x4)	867	8/4/93	22	-9	-9	-9
90022.0	P SWARTZ (NAVAL BASE O12)	868	8/4/93	22	-9	-9	-9
93214.0	NAVAL BASE/SHIPYARDS O12 (x3)	869	8/4/93	22	-9	-9	-9
93215.0	NAVAL BASE/SHIPYARDS O12 (x4)	870	8/4/93	22	-9	-9	-9
90028.0	NSB-M1 (SUB BASE C2)	871	8/4/93	22	-9	-9	-9
93216.0	SUB BASE C2 (x1)	872	8/4/93	22	-9	-9	-9
93217.0	SUB BASE C2 (x3)	873	8/4/93	22	-9	-9	-9
93218.0	SUB BASE C2 (x11) BLIND	874	8/4/93	22	-9	-9	-9
93116.0	SAN DIEGO RIVER B1 (x4)-REP 1	881	8/5/93	22	-9	-9	-9
93116.0	SAN DIEGO RIVER B1 (x4)-REP 2	882	8/5/93	22	-9	-9	-9
93116.0	SAN DIEGO RIVER B1 (x4)-REP 3	883	8/5/93	22	-9	-9	-9
90052.0	32 SWARTZ(SWEETWATER CH)-REP 1	875	8/18/93	22	100.00	0.00	NS
93219.0	SWEETWATER CH. J1 (x1)-REP 2	876	8/18/93	22	96.00	8.90	NS
93220.0	SWEETWATER CH. J1 (x8)-REP 3	877	8/18/93	22	48.00	50.20	NS
90002.0	12 SWARTZ(DOWNTOWN ANCH)-REP 1	878	8/18/93	22	68.00	41.50	NS
93221.0	DOWNTOWN ANCH. J1 (x1)-REP 2	879	8/18/93	22	84.00	16.70	NS
93222.0	DOWNTOWN ANCH. J1 (x2)-REP 3	880	8/18/93	22	100.00	0.00	NS
90007.0	25 SWARTZ (NAVAL BASE/SY O10)	887	8/17/93	23	100.00	0.00	NS
93223.0	NAVAL BASE/SHIPYARD O10 (x2)	888	8/17/93	23	96.00	8.90	NS
93224.0	NAVAL BASE/SHIPYARD O10(x6)	889	8/17/93	23	96.00	8.90	NS
90008.0	27 SWARTZ (NAVAL BASE/SH O13)	890	8/17/93	23	100.00	0.00	NS
93225.0	NAVAL BASE/SHIPYARD O13 (x1)	891	8/17/93	23	92.00	17.90	NS
93226.0	NAVAL BASE/SHIPYARD O13 (x3)	892	8/17/93	23	92.00	11.00	NS
90009.0	28 SWARTZ (7TH ST CHANNEL Q1)	893	8/17/93	23	100.00	0.00	NS

Neanthes Solid Phase Percent Survival

STANUM	STATION	IDORG	DATE	LEG	NASURY_MN	NASURY_SD	NASURY_SG
93227.0	SEVENTH ST CHANNEL Q1 (x5)	894	8/17/93	23	96.00	8.90	NS
93228.0	SEVENTH ST CHANNEL Q1 (x6)	895	8/17/93	23	100.00	0.00	NS
90010.0	31 SWARTZ (MARINE TERMINAL R3)	896	8/17/93	23	100.00	0.00	NS
93229.0	MARINE TERMINAL R3 (x1)	897	8/17/93	23	92.00	17.90	NS
93230.0	MARINE TERMINAL R3 (x3)	898	8/17/93	23	88.00	17.90	NS
90025.0	SDNI-N5 (CARRIER BASE V2)	899	8/18/93	23	52.00	46.00	NS
93231.0	CARRIER BASE V2 (x6)	1000	8/18/93	23	88.00	17.90	NS
93232.0	CARRIER BASE V2 (x7)	1001	8/18/93	23	76.00	35.80	NS
93132.0	CORONADO CAYS T3 (x1)	1025	1/18/94	24	-9	-9	-9
93129.0	SOUTH BAY GG4 (x1)	1026	1/18/94	24	-9	-9	-9
93151.0	CHANNEL-SOUTH BAY AA1 (x1)	1027	1/18/94	24	-9	-9	-9
93127.0	SOUTH BAY GG2 (x1)	1028	1/18/94	24	-9	-9	-9
93139.0	COMMERCIAL BASIN F1 (x1)	1030	1/18/94	24	-9	-9	-9
93106.0	MISSION BAY A2 (x1)	1031	1/18/94	24	-9	-9	-9
93128.0	SOUTHBAY GG5 (x1)	1033	1/18/94	24	-9	-9	-9
93158.0	SOUTH BAY GG1 (x1) REP 1	1035	1/18/94	24	96.00	8.94	-9
93158.0	SOUTH BAY GG1 (x1) REP 2	1036	1/18/94	24	100.00	0.00	-9
93158.0	SOUTH BAY GG1 (x1) REP 3	1037	1/18/94	24	96.00	8.94	-9
93122.0	S.S.- CORONADO DD3 (x1) REP 1	1013	1/19/94	24	88.00	10.95	-9
93122.0	S.S.- CORONADO DD3 (x1) REP 2	1014	1/19/94	24	96.00	8.94	-9
93122.0	S.S.- CORONADO DD3 (x1) REP 3	1015	1/19/94	24	92.00	10.95	-9
93125.0	SILVER STRAND FF4 (x4) REP 1	1016	1/19/94	24	92.00	10.95	-9
93125.0	SILVER STRAND FF4 (x4) REP 2	1017	1/19/94	24	92.00	10.95	-9
93125.0	SILVER STRAND FF4 (x4) REP 3	1018	1/19/94	24	80.00	44.72	-9
90057.0	5 SDG&E REP 1	1019	1/19/94	24	96.00	8.94	-9
90057.0	5 SDG&E REP 2	1020	1/19/94	24	100.00	0.00	-9
90057.0	5 SDG&E REP 3	1021	1/19/94	24	100.00	0.00	-9
93117.0	SAN DIEGO RIVER B2 (x2)	1029	1/19/94	24	-9	-9	-9
93120.0	TIJUANA R. ESTUARY HH2 (x1)	1032	1/19/94	24	-9	-9	-9
93121.0	TIJUANA R. ESTUARY HH2 (x5)	1034	1/19/94	24	-9	-9	-9
90036.0	STORMDRAIN EA (ROHR CH.) REP 1	1022	1/20/94	24	72.00	33.47	-9
90036.0	STORMDRAIN EA (ROHR CH.) REP 2	1023	1/20/94	24	100.00	0.00	-9
90036.0	STORMDRAIN EA (ROHR CH.) REP 3	1024	1/20/94	24	80.00	24.49	-9
90020.0	G DE LAPPE-REP 1	1104	3/1/94	27	92.00	17.89	-9
90020.0	G DE LAPPE-REP 2	1105	3/1/94	27	76.00	43.36	-9
90020.0	G DE LAPPE-REP 3	1106	3/1/94	27	84.00	8.94	-9
90022.0	P SWARTZ-REP 1	1107	3/1/94	27	76.00	32.86	-9
90022.0	P SWARTZ-REP 2	1108	3/1/94	27	88.00	10.95	-9
90022.0	P SWARTZ-REP 3	1109	3/1/94	27	96.00	8.94	-9
90029.0	NSB-R1-REP 1	1113	3/1/94	27	88.00	26.83	-9
90029.0	NSB-R1-REP 2	1114	3/1/94	27	80.00	34.64	-9
90024.0	SDNI-N1-REP 1	1115	3/1/94	27	84.00	35.78	-9
90024.0	SDNI-N1-REP 2	1116	3/1/94	27	96.00	8.94	-9
90024.0	SDNI-N1-REP 2	1117	3/1/94	27	80.00	34.64	-9

Nearthes Solid Phase Percent Survival

STANUM	STATION	IDORG	DATE	LEG	NASURY_MN	NASURY_SD	NASURY_SG
90024.0	SDNI-N1-REP 3	1118	3/1/94	27	96.00	8.94	-9
93185.0	NAVAL SHIPYARDS O14 (x1)	1125	3/1/94	27	96.00	8.94	-9
93163.0	FUEL PIERS D2 (x2)	1126	3/1/94	27	84.00	26.08	-9
93161.0	SUB BASE C1 (x1)	1127	3/1/94	27	100.00	0.00	-9
93171.0	MARINE TERMINAL R1 (x1)	1128	3/1/94	27	96.00	8.94	-9
90013.0	37 SWARTZ-REP 1	1098	3/2/94	27	84.00	16.73	-9
90013.0	37 SWARTZ-REP 2	1099	3/2/94	27	88.00	10.95	-9
90013.0	37 SWARTZ-REP 3	1100	3/2/94	27	92.00	10.95	-9
93106.0	MISSION BAY A2 (x1)-REP 1	1101	3/2/94	27	92.00	17.89	-9
93106.0	MISSION BAY A2 (x1)-REP 2	1102	3/2/94	27	72.00	26.83	-9
93106.0	MISSION BAY A2 (x1)-REP 3	1103	3/2/94	27	84.00	16.73	-9
93181.0	NAVAL SHIPYARDS O6 (x1)-REP 1	1110	3/2/94	27	88.00	17.89	-9
93181.0	NAVAL SHIPYARDS O6 (x1)-REP 2	1111	3/2/94	27	100.00	0.00	-9
93181.0	NAVAL SHIPYARDS O6 (x1)-REP 3	1112	3/2/94	27	88.00	10.95	-9
93178.0	NAVAL SHIPYARDS O2 (x1)-REP 1	1119	3/2/94	27	68.00	30.33	-9
93178.0	NAVAL SHIPYARDS O2 (x1)-REP 2	1120	3/2/94	27	92.00	10.95	-9
93178.0	NAVAL SHIPYARDS O2 (x1)-REP 3	1121	3/2/94	27	100.00	0.00	-9
93179.0	NAVAL SHIPYARDS O3 (x1)-REP 1	1122	3/2/94	27	92.00	10.95	-9
93179.0	NAVAL SHIPYARDS O3 (x1)-REP 2	1123	3/2/94	27	96.00	8.94	-9
93179.0	NAVAL SHIPYARDS O3 (x1)-REP 3	1124	3/2/94	27	100.00	0.00	-9
90052.0	32 SWARTZ(SWEETWATER CH)-REP 1	1129	3/15/94	28	88.00	10.95	-9
90052.0	32 SWARTZ(SWEETWATER CH)-REP 2	1130	3/15/94	28	92.00	10.95	-9
90052.0	32 SWARTZ(SWEETWATER CH)-REP 3	1131	3/15/94	28	92.00	10.95	-9
93131.0	CORONADO CAYS T1 (x1)-REP 1	1136	3/15/94	28	76.00	16.73	-9
93131.0	CORONADO CAYS T1 (x1)-REP 2	1139	3/15/94	28	100.00	0.00	-9
93131.0	CORONADO CAYS T1 (x1)-REP 3	1140	3/15/94	28	96.00	8.94	-9
93160.0	CHANNEL-SOUTH BAY AA2(x1)-REP1	1141	3/15/94	28	96.00	8.94	-9
93160.0	CHANNEL-SOUTH BAY AA2(x1)-REP2	1142	3/15/94	28	84.00	21.81	-9
93160.0	CHANNEL-SOUTH BAY AA2(x1)-REP3	1143	3/15/94	28	100.00	0.00	-9
90030.0	BF SCHROEDER SITE F-REP 1	1144	3/15/94	28	72.00	22.80	-9
90030.0	BF SCHROEDER SITE F-REP 2	1145	3/15/94	28	88.00	17.89	-9
90030.0	BF SCHROEDER SITE F-REP 3	1146	3/15/94	28	92.00	10.95	-9
93159.0	SOUTH BAY GG3 (x1)-REP 1	1147	3/15/94	28	96.00	8.94	-9
93159.0	SOUTH BAY GG3 (x1)-REP 2	1148	3/15/94	28	100.00	0.00	-9
93159.0	SOUTH BAY GG3 (x1)-REP 3	1149	3/15/94	28	88.00	10.95	-9
90043.0	CORONADO WHARF-REP 1	1156	3/15/94	28	88.00	17.89	-9
90043.0	CORONADO WHARF-REP 2	1157	3/15/94	28	88.00	17.89	-9
90043.0	CORONADO WHARF-REP 3	1158	3/15/94	28	100.00	0.00	-9
93120.0	TIJUANA R. EST. HH2 (x1)-REP 1	1132	3/16/94	28	100.00	0.00	-9
93120.0	TIJUANA R. EST. HH2 (x1)-REP 2	1133	3/16/94	28	96.00	8.94	-9
93120.0	TIJUANA R. EST. HH2 (x1)-REP 3	1134	3/16/94	28	100.00	0.00	-9
93121.0	TIJUANA R. EST. HH2 (x5)-REP 1	1135	3/16/94	28	80.00	24.49	-9
93121.0	TIJUANA R. EST. HH2 (x5)-REP 2	1136	3/16/94	28	92.00	17.89	-9
93121.0	TIJUANA R. EST. HH2 (x5)-REP 3	1137	3/16/94	28	76.00	43.36	-9

Neanthes Solid Phase Percent Survival

STANUM	STATION	IDORG	DATE	LEG	NASURV_MN	NASURV_SD	NASURV_SQ
93174.0	TUJANA R. EST. HH3 (K2)-REP 1	1150	3/16/94	28	96.00	8.94	-9
93174.0	TUJANA R. EST. HH3 (K2)-REP 2	1151	3/16/94	28	88.00	17.89	-9
93174.0	TUJANA R. EST. HH3 (K2)-REP 3	1152	3/16/94	28	68.00	46.04	-9
93166.0	NAVY ESTUARY G2 (X1)-REP 1	1153	3/16/94	28	92.00	10.95	-9
93166.0	NAVY ESTUARY G2 (X1)-REP 2	1154	3/16/94	28	88.00	10.95	-9
93166.0	NAVY ESTUARY G2 (X1)-REP 3	1155	3/16/94	28	100.00	0.00	-9
90037.0	STORMDRAIN EM(GRAPE ST.)-REP 1	1159	3/29/94	29	92.00	10.95	-9
90037.0	STORMDRAIN EM(GRAPE ST.)-REP 2	1160	3/29/94	29	96.00	8.94	-9
90037.0	STORMDRAIN EM(GRAPE ST.)-REP 3	1161	3/29/94	29	96.00	8.94	-9
93148.0	CHANNEL-CORONADO Y1 (K2)-REP 1	1162	3/29/94	29	92.00	10.95	-9
93148.0	CHANNEL-CORONADO Y1 (K2)-REP 2	1163	3/29/94	29	100.00	0.00	-9
93148.0	CHANNEL-CORONADO Y1 (K2)-REP 3	1164	3/29/94	29	100.00	0.00	-9
93138.0	SHELTER ISLAND E3 (K2)-REP 1	1165	3/29/94	29	76.00	43.36	-9
93138.0	SHELTER ISLAND E3 (K2)-REP 2	1166	3/29/94	29	96.00	8.94	-9
93138.0	SHELTER ISLAND E3 (K2)-REP 3	1167	3/29/94	29	96.00	8.94	-9
93141.0	COMMERCIAL BASIN F3 (X1)-REP 1	1168	3/29/94	29	100.00	0.00	-9
93141.0	COMMERCIAL BASIN F3 (X1)-REP 2	1169	3/29/94	29	100.00	0.00	-9
93141.0	COMMERCIAL BASIN F3 (X1)-REP 3	1170	3/29/94	29	96.00	8.94	-9
90018.0	D DE LAPPE-REP 1	1183	3/29/94	29	72.00	43.82	-9
90018.0	D DE LAPPE-REP 2	1184	3/29/94	29	88.00	17.89	-9
90018.0	D DE LAPPE-REP 3	1185	3/29/94	29	100.00	0.00	-9
90104.0	WEST BASIN ENTRANCE(71C)-REP 1	1186	3/29/94	29	96.00	8.94	-9
90104.0	WEST BASIN ENTRANCE(71C)-REP 2	1187	3/29/94	29	100.00	0.00	-9
90104.0	WEST BASIN ENTRANCE(71C)-REP 3	1188	3/29/94	29	88.00	17.89	-9
93107.0	MISSION BAY A3 (X1)-REP 1	1180	3/30/94	29	100.00	0.00	-9
93107.0	MISSION BAY A3 (X1)-REP 2	1181	3/30/94	29	84.00	26.08	-9
93107.0	MISSION BAY A3 (X1)-REP 3	1182	3/30/94	29	92.00	10.95	-9
93163.0	FUEL PIERS D2 (K2)-REP 1	1303	5/18/94	32	96.00	8.94	-9
93163.0	FUEL PIERS D2 (K2)-REP 2	1304	5/18/94	32	80.00	14.14	-9
93163.0	FUEL PIERS D2 (K2)-REP 3	1305	5/18/94	32	96.00	8.94	-9
93171.0	MARINE TERMINAL R1 (X1)-REP 1	1306	5/18/94	32	100.00	0.00	-9
93171.0	MARINE TERMINAL R1 (X1)-REP 2	1307	5/18/94	32	100.00	0.00	-9
93171.0	MARINE TERMINAL R1 (X1)-REP 3	1308	5/18/94	32	100.00	0.00	-9
93185.0	NAVAL SHIPYARDS O14 (X1)-REP 1	1309	5/18/94	32	96.00	8.94	-9
93185.0	NAVAL SHIPYARDS O14 (X1)-REP 2	1310	5/18/94	32	100.00	0.00	-9
93185.0	NAVAL SHIPYARDS O14 (X1)-REP 3	1311	5/18/94	32	96.00	8.94	-9
93161.0	SUB BASE C1 (X1)-REP 1	1312	5/18/94	32	100.00	0.00	-9
93161.0	SUB BASE C1 (X1)-REP 2	1313	5/18/94	32	100.00	0.00	-9
93161.0	SUB BASE C1 (X1)-REP 3	1314	5/18/94	32	100.00	0.00	-9
90013.0	37 SWARTZ	1318	5/18/94	32	88.00	26.83	-9
93106.0	MISSION BAY A2 (K1)	1319	5/18/94	32	92.00	10.95	-9
90052.0	32 SWARTZ	1320	5/18/94	32	100.00	0.00	-9

Nearthtes Solid Phase Weight Change (mg)

STANUM	STATION	IDORG	DATE	LEG	NAWT_MN	NAWT_SD	NAWT_SG	NA_OTNH3	NA_OUNH3	NA_OH2S	NA_ITNH3	NA_IUNH3	NA_IH2S
93107.0	MISSION BAY A3 (X1)-REP 2	854	7/21/93	21	-9	-9	-9	-9	-9	-9	-9	-9	-9
93107.0	MISSION BAY A3 (X1)-REP 1	855	7/21/93	21	-9	-9	-9	-9	-9	-9	-9	-9	-9
93112.0	MISSION BAY A8 (X1)-REP 1	856	7/21/93	21	-9	-9	-9	-9	-9	-9	-9	-9	-9
93112.0	MISSION BAY A8 (X1)-REP 2	857	7/21/93	21	-9	-9	-9	-9	-9	-9	-9	-9	-9
93112.0	MISSION BAY A8 (X1)-REP 3	858	7/21/93	21	-9	-9	-9	-9	-9	-9	-9	-9	-9
93108.0	MISSION BAY A4 (X1)-REP 1	859	7/21/93	21	-9	-9	-9	-9	-9	-9	-9	-9	-9
93108.0	MISSION BAY A4 (X1)-REP 2	860	7/21/93	21	-9	-9	-9	-9	-9	-9	-9	-9	-9
93108.0	MISSION BAY A4 (X1)-REP 3	861	7/21/93	21	-9	-9	-9	-9	-9	-9	-9	-9	-9
90050.0	10 SWARTZ (WEST BASIN)	837	8/3/93	21	-9	-9	-9	-9	-9	-9	-9	-9	-9
93199.0	WEST BASIN H1 (X1)	838	8/3/93	21	-9	-9	-9	-9	-9	-9	-9	-9	-9
93200.0	WEST BASIN H1 (X4)	839	8/3/93	21	-9	-9	-9	-9	-9	-9	-9	-9	-9
90001.0	11 SWARTZ (EAST BASIN)	840	8/3/93	21	-9	-9	-9	-9	-9	-9	-9	-9	-9
93201.0	EAST BASIN I1 (X1)	841	8/3/93	21	-9	-9	-9	-9	-9	-9	-9	-9	-9
93202.0	EAST BASIN I1 (X5)	842	8/3/93	21	-9	-9	-9	-9	-9	-9	-9	-9	-9
93180.0	NAVAL BASE/SHIPYARDS O5 (X1)	798	8/4/93	22	-9	-9	-9	-9	-9	-9	-9	-9	-9
90021.0	K SWARTZ (NAVAL BASE O4)	862	8/4/93	22	-9	-9	-9	-9	-9	-9	-9	-9	-9
93210.0	NAVAL BASE/SHIPYARDS O4 (X1)	863	8/4/93	22	-9	-9	-9	-9	-9	-9	-9	-9	-9
93211.0	NAVAL BASE/SHIPYARDS O4 (X2)	864	8/4/93	22	-9	-9	-9	-9	-9	-9	-9	-9	-9
90006.0	23 SWARTZ (NAVAL BASE O7)	865	8/4/93	22	-9	-9	-9	-9	-9	-9	-9	-9	-9
93212.0	NAVAL BASE/SHIPYARDS O7 (X1)	866	8/4/93	22	-9	-9	-9	-9	-9	-9	-9	-9	-9
93213.0	NAVAL BASE/SHIPYARDS O7 (X4)	867	8/4/93	22	-9	-9	-9	-9	-9	-9	-9	-9	-9
90022.0	P SWARTZ (NAVAL BASE O12)	868	8/4/93	22	-9	-9	-9	-9	-9	-9	-9	-9	-9
93214.0	NAVAL BASE/SHIPYARDS O12 (X3)	869	8/4/93	22	-9	-9	-9	-9	-9	-9	-9	-9	-9
93215.0	NAVAL BASE/SHIPYARDS O12 (X4)	870	8/4/93	22	-9	-9	-9	-9	-9	-9	-9	-9	-9
90028.0	NSB-M1 (SUB BASE C2)	871	8/4/93	22	-9	-9	-9	-9	-9	-9	-9	-9	-9
93216.0	SUB BASE C2 (X1)	872	8/4/93	22	-9	-9	-9	-9	-9	-9	-9	-9	-9
93217.0	SUB BASE C2 (X3)	873	8/4/93	22	-9	-9	-9	-9	-9	-9	-9	-9	-9
93218.0	SUB BASE C2 (X1) BLIND	874	8/4/93	22	-9	-9	-9	-9	-9	-9	-9	-9	-9
93116.0	SAN DIEGO RIVER B1 (X4)-REP 1	881	8/5/93	22	-9	-9	-9	-9	-9	-9	-9	-9	-9
93116.0	SAN DIEGO RIVER B1 (X4)-REP 2	882	8/5/93	22	-9	-9	-9	-9	-9	-9	-9	-9	-9
93116.0	SAN DIEGO RIVER B1 (X4)-REP 3	883	8/5/93	22	-9	-9	-9	-9	-9	-9	-9	-9	-9
90052.0	32 SWARTZ(SWEETWATER CH)-REP 1	875	8/18/93	22	10.80	1.10	.	-9	0.078	0.081	0.0011	-9	-9
93219.0	SWEETWATER CH. JJ1 (X1)-REP 2	876	8/18/93	22	12.80	1.80	NS	-9	0.081	0.081	0.0002	-9	-9
93220.0	SWEETWATER CH. JJ1 (X8)-REP 3	877	8/18/93	22	6.70	2.70	.	-9	1.074	1.074	-9	-9	-9
90002.0	12 SWARTZ(DOWNTOWN ANCH)-REP 1	878	8/18/93	22	12.90	2.80	NS	-9	0.635	0.635	-9	-9	-9
93221.0	DOWNTOWN ANCH. J1 (X1)-REP 2	879	8/18/93	22	6.70	1.30	.	-9	0.418	0.418	-9	-9	-9
93222.0	DOWNTOWN ANCH. J1 (X2)-REP 3	880	8/18/93	22	12.30	2.40	NS	-9	0.132	0.132	-9	-9	-9
90007.0	25 SWARTZ (NAVAL BASE/ISY O10)	887	8/17/93	23	11.40	1.20	NS	-9	0.137	0.137	-9	-9	-9
93223.0	NAVAL BASE/SHIPYARD O10 (X2)	888	8/17/93	23	12.60	2.50	NS	-9	0.098	0.098	-9	-9	-9
93224.0	NAVAL BASE/SHIPYARD O10 (X6)	889	8/17/93	23	13.10	2.60	NS	-9	0.082	0.082	-9	-9	-9
90008.0	27 SWARTZ (NAVAL BASE/ISH O13)	890	8/17/93	23	13.10	1.80	NS	-9	0.103	0.103	-9	-9	-9
93225.0	NAVAL BASE/SHIPYARD O13 (X1)	891	8/17/93	23	11.00	1.80	NS	-9	0.090	0.090	-9	-9	-9
93226.0	NAVAL BASE/SHIPYARD O13 (X3)	892	8/17/93	23	13.10	1.50	NS	-9	0.105	0.105	-9	-9	-9
90009.0	28 SWARTZ (7TH ST CHANNEL Q1)	893	8/17/93	23	12.50	2.30	NS	-9	0.130	0.130	-9	-9	-9

Neanthes Solid Phase Weight Change (mg)

STANUM	STATION	IDORG	DATE	LEG	NAWT_MN	NAWT_SD	NAWT_SG	NA_OTNH3	NA_OUINH3	NA_OH2S	NA_ITNH3	NA_IUNH3	NA_IH2S
93227.0	SEVENTH ST CHANNEL Q1 (x5)	894	8/17/93	23	12.00	4.60	NS	-9	0.118	-8	-9	-9	-9
93228.0	SEVENTH ST CHANNEL Q1 (x6)	895	8/17/93	23	11.20	1.30	NS	-9	0.120	-8	-9	-9	-9
90010.0	31 SWARTZ (MARINE TERMINAL R3)	896	8/17/93	23	11.40	2.10	NS	-9	0.165	-8	-9	-9	-9
93229.0	MARINE TERMINAL R3 (x1)	897	8/17/93	23	11.20	3.10	NS	-9	0.317	-8	-9	-9	-9
93230.0	MARINE TERMINAL R3 (x3)	898	8/17/93	23	12.80	1.10	NS	-9	0.167	-8	-9	-9	-9
90025.0	SDNI-N5 (CARRIER BASE V2)	899	8/18/93	23	4.00	2.20	*	-9	1.735	0.0001	-9	-9	-9
93231.0	CARRIER BASE V2 (x6)	1000	8/18/93	23	9.30	3.90	NS	-9	1.395	0.0002	-9	-9	-9
93232.0	CARRIER BASE V2 (x7)	1001	8/18/93	23	8.90	1.90	*	-9	0.802	-8	-9	-9	-9
93132.0	CORONADO CAYS T3 (x1)	1025	1/18/94	24	-9	-9	-9	-9	-9	-9	-9	-9	-9
93129.0	SOUTH BAY GG4 (x1)	1028	1/18/94	24	-9	-9	-9	-9	-9	-9	-9	-9	-9
93151.0	CHANNEL-SOUTH BAY A41 (x1)	1027	1/18/94	24	-9	-9	-9	-9	-9	-9	-9	-9	-9
93127.0	SOUTH BAY GG2 (x1)	1028	1/18/94	24	-9	-9	-9	-9	-9	-9	-9	-9	-9
93139.0	COMMERCIAL BASIN F1 (x1)	1030	1/18/94	24	-9	-9	-9	-9	-9	-9	-9	-9	-9
93106.0	MISSION BAY A2 (x1)	1031	1/18/94	24	-9	-9	-9	-9	-9	-9	-9	-9	-9
93128.0	SOUTH BAY GG5 (x1)	1033	1/18/94	24	-9	-9	-9	-9	-9	-9	-9	-9	-9
93156.0	SOUTH BAY GG1 (x1) REP 1	1035	1/18/94	24	10.39	0.78	-9	11.000	0.512	-8	-9	-9	-9
93158.0	SOUTH BAY GG1 (x1) REP 2	1036	1/18/94	24	10.11	1.74	-9	9.000	0.284	-8	-9	-9	-9
93156.0	SOUTH BAY GG1 (x1) REP 3	1037	1/18/94	24	9.50	1.16	-9	9.000	0.318	-8	-9	-9	-9
93122.0	S.S.-CORONADO DD3 (x1) REP 1	1013	1/19/94	24	8.02	5.87	-9	19.000	0.978	-8	-9	-9	-9
93122.0	S.S.-CORONADO DD3 (x1) REP 2	1014	1/19/94	24	12.13	1.09	-9	8.000	0.288	-8	-9	-9	-9
93122.0	S.S.-CORONADO DD3 (x1) REP 3	1015	1/19/94	24	6.60	3.36	-9	12.000	0.710	-8	-9	-9	-9
93125.0	SILVER STRAND FF4 (x4) REP 1	1016	1/19/94	24	6.39	5.02	-9	40.000	1.397	-8	-9	-9	-9
93125.0	SILVER STRAND FF4 (x4) REP 2	1017	1/19/94	24	6.14	2.51	-9	21.000	0.717	-8	-9	-9	-9
93125.0	SILVER STRAND FF4 (x4) REP 3	1018	1/19/94	24	6.98	2.47	-9	19.000	0.568	-8	-9	-9	-9
90057.0	5 SDG&E REP 1	1019	1/19/94	24	15.08	4.51	-9	7.000	0.189	-8	-9	-9	-9
90057.0	5 SDG&E REP 2	1020	1/19/94	24	13.93	2.40	-9	5.000	0.179	-8	-9	-9	-9
90057.0	5 SDG&E REP 3	1021	1/19/94	24	11.80	1.53	-9	6.000	0.198	-8	-9	-9	-9
93117.0	SAN DIEGO RIVER B2 (x2)	1029	1/19/94	24	-9	-8	-9	-9	-9	-9	-9	-9	-9
93120.0	TIJUANA R. ESTUARY HH2 (x1)	1032	1/19/94	24	-9	-9	-9	-9	-9	-9	-9	-9	-9
93121.0	TIJUANA R. ESTUARY HH2 (x5)	1034	1/19/94	24	-9	-9	-9	-9	-9	-9	-9	-9	-9
90036.0	STORMDRAIN EA (ROHR CH.) REP 1	1022	1/20/94	24	8.84	2.94	-9	16.000	0.400	-8	-9	-9	-9
90036.0	STORMDRAIN EA (ROHR CH.) REP 2	1023	1/20/94	24	11.09	1.39	-9	9.000	0.329	-8	-9	-9	-9
90036.0	STORMDRAIN EA (ROHR CH.) REP 3	1024	1/20/94	24	11.26	4.78	-9	13.000	0.818	-8	-9	-9	-9
90020.0	G DE LAPPE-REP 1	1104	3/1/94	27	7.91	2.28	-9	9.000	0.447	0.0022	-9	-9	-9
90020.0	G DE LAPPE-REP 2	1105	3/1/94	27	12.89	2.12	-9	6.680	0.133	0.0008	-9	-9	-9
90020.0	G DE LAPPE-REP 3	1106	3/1/94	27	9.36	2.77	-9	5.870	0.227	0.0019	-9	-9	-9
90022.0	P SWARTZ-REP 1	1107	3/1/94	27	8.94	2.01	-9	6.600	0.281	0.0030	-9	-9	-9
90022.0	P SWARTZ-REP 2	1108	3/1/94	27	10.59	3.84	-9	6.690	0.161	0.0033	-9	-9	-9
90022.0	P SWARTZ-REP 3	1109	3/1/94	27	9.51	5.46	-9	4.750	0.220	0.0011	-9	-9	-9
90029.0	NSB-R1-REP 1	1113	3/1/94	27	8.96	3.83	-9	6.260	0.224	0.0041	-9	-9	-9
90029.0	NSB-R1-REP 2	1114	3/1/94	27	7.99	2.78	-9	7.110	0.271	0.0016	-9	-9	-9
90029.0	NSB-R1-REP 3	1115	3/1/94	27	7.60	4.03	-9	9.040	0.353	0.0044	-9	-9	-9
90024.0	SDNI-N1-REP 1	1116	3/1/94	27	7.71	1.28	-9	9.830	0.662	0.0050	-9	-9	-9
90024.0	SDNI-N1-REP 2	1117	3/1/94	27	8.40	1.30	-9	6.690	0.285	0.0027	-9	-9	-9

Meant/tes: Solid Phase Weight Change (mg)

STANUM	STATION	IDORG	DATE	LEG	NAWT	NAWT_MN	NAWT_SD	NAWT_SG	NA_OTNH3	NA_OUNH3	NA_OH2S	NA_ITNH3	NA_IUNH3	NA_IH2S
90024.0	SDNI-N1-REP 3	1118	3/1/94	27	10.52	1.46	-9	6.100	0.161	0.0076	-9	-9	-9	-9
93185.0	NAVAL SHIPYARDS O14 (x1)	1125	3/1/94	27	9.06	1.50	-9	2.900	0.069	0.0015	-9	-9	-9	-9
93163.0	FUEL PIERS D2 (x2)	1126	3/1/94	27	11.25	3.65	-9	2.660	0.058	0.0011	-9	-9	-9	-9
93161.0	SUB BASE C1 (x1)	1127	3/1/94	27	10.19	3.15	-9	6.600	0.164	0.0021	-9	-9	-9	-9
93171.0	MARINE TERMINAL R1 (x1)	1128	3/1/94	27	9.02	1.73	-9	4.100	0.076	0.0034	-9	-9	-9	-9
90013.0	37 SWARTZ-REP 1	1088	3/2/94	27	9.48	5.29	-9	6.190	0.190	0.0045	-9	-9	-9	-9
90013.0	37 SWARTZ-REP 2	1089	3/2/94	27	10.52	2.43	-9	10.500	0.328	0.0024	-9	-9	-9	-9
90013.0	37 SWARTZ-REP 3	1100	3/2/94	27	9.94	3.94	-9	7.980	0.307	0.0033	-9	-9	-9	-9
93106.0	MISSION BAY A2 (x1)-REP 1	1101	3/2/94	27	11.71	0.80	-9	9.000	0.321	0.0013	-9	-9	-9	-9
93106.0	MISSION BAY A2 (x1)-REP 2	1102	3/2/94	27	12.85	4.18	-9	8.360	0.375	0.0012	-9	-9	-9	-9
93106.0	MISSION BAY A2 (x1)-REP 3	1103	3/2/94	27	12.12	4.27	-9	8.620	0.253	0.0003	-9	-9	-9	-9
93161.0	NAVAL SHIPYARDS O6 (x1)-REP 1	1110	3/2/94	27	10.26	3.52	-9	5.400	0.176	0.0005	-9	-9	-9	-9
93161.0	NAVAL SHIPYARDS O6 (x1)-REP 2	1111	3/2/94	27	9.88	3.44	-9	5.330	0.180	0.0038	-9	-9	-9	-9
93161.0	NAVAL SHIPYARDS O6 (x1)-REP 3	1112	3/2/94	27	7.51	2.54	-9	5.700	0.190	0.0064	-9	-9	-9	-9
93178.0	NAVAL SHIPYARDS O2 (x1)-REP 1	1119	3/2/94	27	10.40	3.95	-9	12.000	0.303	0.0015	-9	-9	-9	-9
93178.0	NAVAL SHIPYARDS O2 (x1)-REP 2	1120	3/2/94	27	8.50	1.94	-9	14.000	0.428	0.0018	-9	-9	-9	-9
93178.0	NAVAL SHIPYARDS O2 (x1)-REP 3	1121	3/2/94	27	10.23	3.88	-9	9.080	0.222	0.0090	-9	-9	-9	-9
93179.0	NAVAL SHIPYARDS O3 (x1)-REP 1	1122	3/2/94	27	6.97	2.86	-9	9.100	0.254	0.0022	-9	-9	-9	-9
93179.0	NAVAL SHIPYARDS O3 (x1)-REP 2	1123	3/2/94	27	9.49	5.23	-9	5.060	0.177	0.0018	-9	-9	-9	-9
93179.0	NAVAL SHIPYARDS O3 (x1)-REP 3	1124	3/2/94	27	8.54	1.80	-9	4.900	0.266	0.0010	-9	-9	-9	-9
90052.0	32 SWARTZ(SWEETWATER CH)-REP 1	1129	3/15/94	28	9.41	2.54	-9	1.050	0.041	0.0007	-9	-9	-9	-9
90052.0	32 SWARTZ(SWEETWATER CH)-REP 2	1130	3/15/94	28	7.85	2.74	-9	0.330	0.015	0.0010	-9	-9	-9	-9
90052.0	32 SWARTZ(SWEETWATER CH)-REP 3	1131	3/15/94	28	8.65	3.15	-9	3.900	0.166	0.0011	-9	-9	-9	-9
93131.0	CORONADO CAYS T1 (x1)-REP 1	1138	3/15/94	28	6.16	4.16	-9	1.300	0.041	0.0018	-9	-9	-9	-9
93131.0	CORONADO CAYS T1 (x1)-REP 2	1139	3/15/94	28	7.92	2.19	-9	2.900	0.104	0.0018	-9	-9	-9	-9
93131.0	CORONADO CAYS T1 (x1)-REP 3	1140	3/15/94	28	7.99	1.96	-9	2.400	0.075	0.0025	-9	-9	-9	-9
93160.0	CHANNEL-SOUTH BAY AA2(x1)-REP 1	1141	3/15/94	28	6.22	2.40	-9	2.900	0.108	0.0012	-9	-9	-9	-9
93160.0	CHANNEL-SOUTH BAY AA2(x1)-REP 2	1142	3/15/94	28	8.92	3.73	-9	3.400	0.193	0.0012	-9	-9	-9	-9
93160.0	CHANNEL-SOUTH BAY AA2(x1)-REP 3	1143	3/15/94	28	7.02	1.98	-9	4.800	0.140	0.0011	-9	-9	-9	-9
90030.0	BF SCHROEDER SITE F-REP 1	1144	3/15/94	28	7.20	4.90	-9	2.000	0.065	0.0036	-9	-9	-9	-9
90030.0	BF SCHROEDER SITE F-REP 2	1145	3/15/94	28	6.19	2.94	-9	3.300	0.148	0.0004	-9	-9	-9	-9
90030.0	BF SCHROEDER SITE F-REP 3	1146	3/15/94	28	5.70	1.72	-9	0.510	0.021	0.0017	-9	-9	-9	-9
93159.0	SOUTH BAY GG3 (x1)-REP 1	1147	3/15/94	28	9.89	4.18	-9	5.300	0.247	0.0008	-9	-9	-9	-9
93159.0	SOUTH BAY GG3 (x1)-REP 2	1148	3/15/94	28	7.71	1.78	-9	3.700	0.192	0.0005	-9	-9	-9	-9
93159.0	SOUTH BAY GG3 (x1)-REP 3	1149	3/15/94	28	8.89	3.68	-9	7.100	0.232	0.0009	-9	-9	-9	-9
90043.0	CORONADO WHARF-REP 1	1156	3/15/94	28	6.17	1.41	-9	14.000	0.571	0.0013	-9	-9	-9	-9
90043.0	CORONADO WHARF-REP 2	1157	3/15/94	28	5.12	1.21	-9	13.000	0.618	0.0061	-9	-9	-9	-9
90043.0	CORONADO WHARF-REP 3	1158	3/15/94	28	6.02	1.63	-9	9.700	0.442	0.0037	-9	-9	-9	-9
93120.0	TUJANA R. EST. HH2 (x1)-REP 1	1132	3/16/94	28	6.96	3.46	-9	6.000	0.229	0.0033	-9	-9	-9	-9
93120.0	TUJANA R. EST. HH2 (x1)-REP 2	1133	3/16/94	28	5.73	1.78	-9	7.800	0.261	0.0032	-9	-9	-9	-9
93120.0	TUJANA R. EST. HH2 (x1)-REP 3	1134	3/16/94	28	7.79	1.62	-9	7.500	0.313	0.0042	-9	-9	-9	-9
93121.0	TUJANA R. EST. HH2 (x5)-REP 1	1135	3/16/94	28	5.37	1.71	-9	6.000	0.261	0.0038	-9	-9	-9	-9
93121.0	TUJANA R. EST. HH2 (x5)-REP 2	1136	3/16/94	28	10.97	7.52	-9	6.700	0.279	0.0034	-9	-9	-9	-9
93121.0	TUJANA R. EST. HH2 (x5)-REP 3	1137	3/16/94	28	5.95	2.03	-9	5.990	0.244	0.0038	-9	-9	-9	-9

Neanthes Solid Phase Weight Change (mg)

STANUM	STATION	IDORG	DATE	LEG	NAWT_MN	NAWT_SD	NAWT_SG	NA_OTNH3	NA_OUNH3	NA_OH2S	NA_ITNH3	NA_IUNH3	NA_IH2S
93174.0	TJUANA R. EST. H3 (X2)-REP 1	1150	3/16/94	28	6.55	1.50	-9	9.920	0.339	0.0000	-9	-9	-9
93174.0	TJUANA R. EST. H3 (X2)-REP 2	1151	3/16/94	28	4.54	1.27	-9	10.000	0.342	0.0065	-9	-9	-9
93174.0	TJUANA R. EST. H3 (X2)-REP 3	1152	3/16/94	28	6.10	1.23	-9	9.300	0.347	0.0050	-9	-9	-9
93166.0	NAVY ESTUARY G2 (X1)-REP 1	1153	3/16/94	28	7.51	2.87	-9	3.620	0.122	0.0015	-9	-9	-9
93166.0	NAVY ESTUARY G2 (X1)-REP 2	1154	3/16/94	28	6.62	2.10	-9	3.900	0.174	0.0007	-9	-9	-9
93166.0	NAVY ESTUARY G2 (X1)-REP 3	1155	3/16/94	28	10.98	3.96	-9	4.300	0.226	0.0012	-9	-9	-9
90037.0	STORMDRAIN EM(GRAPE ST.)-REP 1	1159	3/29/94	29	13.51	1.49	-9	7.860	0.333	0.0032	-9	-9	-9
90037.0	STORMDRAIN EM(GRAPE ST.)-REP 2	1160	3/29/94	29	10.48	3.46	-9	7.360	0.465	0.0020	-9	-9	-9
90037.0	STORMDRAIN EM(GRAPE ST.)-REP 3	1161	3/29/94	29	9.06	4.61	-9	6.910	0.527	0.0024	-9	-9	-9
93148.0	CHANNEL-CORONADO Y1 (X2)-REP 1	1162	3/29/94	29	15.58	4.75	-9	6.990	0.566	0.0015	-9	-9	-9
93148.0	CHANNEL-CORONADO Y1 (X2)-REP 2	1163	3/29/94	29	13.10	5.94	-9	7.500	0.234	0.0018	-9	-9	-9
93148.0	CHANNEL-CORONADO Y1 (X2)-REP 3	1164	3/29/94	29	10.90	2.65	-9	6.000	0.223	0.0025	-9	-9	-9
93138.0	SHELTER ISLAND E3 (X2)-REP 1	1165	3/29/94	29	13.04	3.97	-9	14.000	0.466	0.0038	-9	-9	-9
93138.0	SHELTER ISLAND E3 (X2)-REP 2	1166	3/29/94	29	11.40	2.36	-9	8.840	0.337	0.0039	-9	-9	-9
93138.0	SHELTER ISLAND E3 (X2)-REP 3	1167	3/29/94	29	12.98	4.52	-9	5.710	0.154	0.0032	-9	-9	-9
93141.0	COMMERCIAL BASIN F3 (X1)-REP 1	1168	3/29/94	29	9.84	2.06	-9	9.240	0.290	0.0036	-9	-9	-9
93141.0	COMMERCIAL BASIN F3 (X1)-REP 2	1169	3/29/94	29	12.32	1.69	-9	5.590	0.122	0.0027	-9	-9	-9
93141.0	COMMERCIAL BASIN F3 (X1)-REP 3	1170	3/29/94	29	8.60	2.30	-9	7.710	0.294	0.0026	-9	-9	-9
90018.0	D DE LAPPE-REP 1	1183	3/29/94	29	11.93	7.73	-9	5.800	0.189	0.0043	-9	-9	-9
90018.0	D DE LAPPE-REP 2	1184	3/29/94	29	10.17	4.26	-9	2.700	0.067	0.0045	-9	-9	-9
90018.0	D DE LAPPE-REP 3	1185	3/29/94	29	12.19	3.71	-9	2.290	0.076	0.0023	-9	-9	-9
90104.0	WEST BASIN ENTRANCE(71C)-REP 1	1186	3/29/94	29	12.54	3.66	-9	5.780	0.220	0.0037	-9	-9	-9
90104.0	WEST BASIN ENTRANCE(71C)-REP 2	1187	3/29/94	29	10.58	2.88	-9	7.120	0.233	0.0032	-9	-9	-9
90104.0	WEST BASIN ENTRANCE(71C)-REP 3	1188	3/29/94	29	13.35	4.46	-9	6.500	0.217	0.0041	-9	-9	-9
93107.0	MISSION BAY A3 (X1)-REP 1	1180	3/30/94	29	10.18	1.01	-9	4.270	0.112	0.0034	-9	-9	-9
93107.0	MISSION BAY A3 (X1)-REP 2	1181	3/30/94	29	12.07	5.41	-9	4.200	0.299	0.0023	-9	-9	-9
93107.0	MISSION BAY A3 (X1)-REP 3	1182	3/30/94	29	12.81	4.20	-9	4.850	0.367	0.0045	-9	-9	-9
93163.0	FUEL PIERS D2 (X2)-REP 1	1303	5/18/94	32	6.43	1.81	-9	14.000	0.340	0.0026	13.000	0.157	0.0362
93163.0	FUEL PIERS D2 (X2)-REP 2	1304	5/18/94	32	7.46	2.04	-9	13.000	0.304	0.0026	12.000	0.133	0.0356
93163.0	FUEL PIERS D2 (X2)-REP 3	1305	5/18/94	32	6.53	0.86	-9	10.000	0.239	0.0031	13.000	0.131	0.0315
93171.0	MARINE TERMINAL R1 (X1)-REP 1	1306	5/18/94	32	7.48	1.70	-9	6.200	0.240	0.0024	3.300	0.032	0.0258
93171.0	MARINE TERMINAL R1 (X1)-REP 2	1307	5/18/94	32	6.27	2.57	-9	6.200	0.175	0.0015	4.000	0.022	0.0090
93171.0	MARINE TERMINAL R1 (X1)-REP 3	1308	5/18/94	32	6.14	1.97	-9	7.600	0.190	0.0031	2.900	0.029	0.0029
93185.0	NAVAL SHIPYARDS O14 (X1)-REP 1	1309	5/18/94	32	11.17	4.51	-9	6.000	0.208	0.0016	2.000	0.043	0.0026
93185.0	NAVAL SHIPYARDS O14 (X1)-REP 2	1310	5/18/94	32	9.36	2.06	-9	6.000	0.122	0.0013	2.400	0.027	0.0042
93185.0	NAVAL SHIPYARDS O14 (X1)-REP 3	1311	5/18/94	32	9.85	1.82	-9	13.000	0.310	0.0010	3.300	0.017	0.0076
93181.0	SUB BASE C1 (X1)-REP 1	1312	5/18/94	32	6.89	2.12	-9	14.000	0.327	0.0032	17.000	0.173	0.0173
93181.0	SUB BASE C1 (X1)-REP 2	1313	5/18/94	32	6.34	3.32	-9	6.800	0.157	0.0019	9.500	0.100	0.0673
93181.0	SUB BASE C1 (X1)-REP 3	1314	5/18/94	32	6.27	3.30	-9	9.200	0.275	0.0008	9.900	0.087	0.0163
90013.0	37 SWARTZ	1318	5/18/94	32	6.12	2.36	-9	6.700	0.145	0.0020	2.600	0.021	0.0021
93106.0	MISSION BAY A2 (X1)	1319	5/18/94	32	6.43	2.73	-9	7.400	0.161	0.0038	7.800	0.081	0.0475
90052.0	32 SWARTZ	1320	5/18/94	32	7.72	0.93	-9	12.000	0.326	0.0030	2.700	0.037	0.0059

Section VII

Mussel Development in Subsurface Water

Percent Normal Shell Development of Mussel Larvae in Subsurface Water

STANUM	STATION	IDORG	DATE	LEG	MES100_MN	MES100_SD	MES100_SG	MES100_NH3
90006.0	23 SWARTZ	155	10/13/92	5	-9	-9	-9	-9
90019.0	E DE LAPPE	168	10/13/92	5	-9	-9	-9	-9
90021.0	K SWARTZ	170	10/13/92	5	-9	-9	-9	-9
90031.0	BG SCHROEDER SITE G	180	10/13/92	5	-9	-9	-9	-9
90038.0	CC	187	10/13/92	5	-9	-9	-9	-9
90071.0	BAIT BARGE	220	10/13/92	5	-9	-9	-9	-9
90101.0	SCRIPPS PIER	250	10/13/92	5	-9	-9	-9	-9
90036.0	STORM DRAIN- ROHR CHANNEL	185	10/14/92	5	-9	-9	-9	-9
90053.0	35 SWARTZ	202	10/14/92	5	-9	-9	-9	-9
90054.0	36 SWARTZ	203	10/14/92	5	-9	-9	-9	-9
90001.0	11 SWARTZ	150	10/27/92	6	-9	-9	-9	-9
90002.0	12 SWARTZ	151	10/27/92	6	-9	-9	-9	-9
90016.0	42 SWARTZ	165	10/27/92	6	-9	-9	-9	-9
90049.0	8B	198	10/27/92	6	-9	-9	-9	-9
90056.0	8A SWARTZ	205	10/27/92	6	-9	-9	-9	-9
90063.0	THOMPSON SITE 205	212	10/27/92	6	-9	-9	-9	-9
90003.0	14 SWARTZ	152	10/28/92	6	-9	-9	-9	-9
90004.0	15 SWARTZ	153	10/28/92	6	-9	-9	-9	-9
90010.0	31 SWARTZ	159	10/28/92	6	-9	-9	-9	-9
90011.0	33 SWARTZ	160	10/28/92	6	-9	-9	-9	-9
90013.0	37 SWARTZ	162	10/28/92	6	-9	-9	-9	-9
90017.0	C DELAPPE	166	10/28/92	6	-9	-9	-9	-9
90048.0	6 SWARTZ	197	10/28/92	6	-9	-9	-9	-9
90051.0	16 SWARTZ	200	10/28/92	6	-9	-9	-9	-9
90052.0	32 SWARTZ	201	10/28/92	6	-9	-9	-9	-9
90007.0	25 SWARTZ	156	11/10/92	7	-9	-9	-9	-9
90008.0	27 SWARTZ	157	11/10/92	7	-9	-9	-9	-9
90009.0	28 SWARTZ	158	11/10/92	7	-9	-9	-9	-9
90022.0	P SWARTZ	171	11/10/92	7	-9	-9	-9	-9
90026.0	SDNI-N78	175	11/10/92	7	-9	-9	-9	-9
90027.0	NSB-S1	176	11/10/92	7	-9	-9	-9	-9
90028.0	NSB-M1	177	11/10/92	7	-9	-9	-9	-9
90029.0	NSB-R1	178	11/10/92	7	-9	-9	-9	-9
90023.0	NM SANDBAG	172	11/11/92	7	-9	-9	-9	-9
90024.0	SDNI-N1	173	11/11/92	7	-9	-9	-9	-9
90025.0	SDNI-N5	174	11/11/92	7	-9	-9	-9	-9
90050.0	10 SWARTZ	199	11/11/92	7	-9	-9	-9	-9
90055.0	43 SWARTZ	204	11/11/92	7	-9	-9	-9	-9
90102.0	HARBOR BRIDGE 71A	256	11/11/92	7	-9	-9	-9	-9
90103.0	SCRIPPS TRIANGLE	257	11/11/92	7	-9	-9	-9	-9
90005.0	21 SWARTZ	154	1/26/93	12	-9	-9	-9	-9
90014.0	38 SWARTZ	163	1/26/93	12	100.00	0.00	0.00	0.00
90018.0	D DE LAPPE	167	1/26/93	12	-9	-9	-9	-9
90020.0	G DE LAPPE	169	1/26/93	12	100.00	0.00	0.00	0.00

Percent Normal Shell Development of Mussel Larvae in Subsurface Water

STANUM	STATION	IDORG	DATE	LEG	MES100_MN	MES100_SD	MES100_SG	MES100_NH3
90030.0	BF SCHROEDER SITE F	179	1/26/93	12	-9	-9	-9	-9
90032.0	BM SCHROEDER SITE M	181	1/26/93	12	-9	-9	-9	-9
90037.0	STORM DRAIN EM- GRAPE STREET	186	1/26/93	12	-9	-9	-9	-9
90039.0	CL	188	1/26/93	12	-9	-9	-9	-9
90043.0	CORNADO WHARF	192	1/26/93	12	100.00	0.00	NS	-8
90104.0	WEST BASIN ENTRANCE (71C) REF	275	1/26/93	12	-9	-9	-9	-9
90012.0	34 SWARTZ	161	1/27/93	12	94.50	12.20	NS	-8
90015.0	41 SWARTZ	164	1/27/93	12	-9	-9	-9	-9
90040.0	SWEETWATER MARSH SD BAY	189	1/27/93	12	100.00	0.00	NS	-8
90041.0	SOUTH SD BAY WETLANDS- OTAY R.	190	1/27/93	12	100.00	0.00	NS	-8
90057.0	5 SDG&E	206	1/27/93	12	100.00	0.00	NS	-8
90058.0	7 SDG&E	207	1/27/93	12	100.00	0.00	NS	-8
93105.0	MISSION BAY A1 (x1)	700	3/23/93	15	-9	-9	-9	-9
93106.0	MISSION BAY A2 (x1)	701	3/23/93	15	-9	-9	-9	-9
93107.0	MISSION BAY A3 (x1)	702	3/23/93	15	-9	-9	-9	-9
93108.0	MISSION BAY A4 (x1)	703	3/23/93	15	-9	-9	-9	-9
93109.0	MISSION BAY A5 (x1)	704	3/23/93	15	-9	-9	-9	-9
93110.0	MISSION BAY A6 (x1)	705	3/23/93	15	-9	-9	-9	-9
93112.0	MISSION BAY A8 (x1)	707	3/23/93	15	-9	-9	-9	-9
93113.0	MISSION BAY A9 (x1)	708	3/23/93	15	-9	-9	-9	-9
93114.0	MISSION BAY A10 (x1)	709	3/23/93	15	-9	-9	-9	-9
93115.0	MISSION BAY A11 (x1)	710	3/23/93	15	-9	-9	-9	-9
93116.0	SAN DIEGO RIVER B1 (x4)	711	3/23/93	15	-9	-9	-9	-9
93117.0	SAN DIEGO RIVER B2 (x2)	712	3/23/93	15	-9	-9	-9	-9
93111.0	MISSION BAY A7 (x3)	706	3/24/93	15	-9	-9	-9	-9
90002.0	12 SWARTZ	719	3/24/93	15	-9	-9	-9	-9
90037.0	STORMDRAIN EM- GRAPE STREET	720	3/24/93	15	-9	-9	-9	-9
90015.0	41 SWARTZ	721	3/24/93	15	-9	-9	-9	-9
90012.0	34 SWARTZ	722	3/24/93	15	-9	-9	-9	-9
90057.0	5 SDG&E	723	3/24/93	15	-9	-9	-9	-9
90052.0	32 SWARTZ	724	3/24/93	15	-9	-9	-9	-9
93118.0	TIJUANA R. ESTUARY HH1 (x2)	713	3/25/93	15	-9	-9	-9	-9
93119.0	TIJUANA R. ESTUARY HH1 (x1)	714	3/25/93	15	-9	-9	-9	-9
93120.0	TIJUANA R. ESTUARY HH2 (x1)	715	3/25/93	15	-9	-9	-9	-9
93121.0	TIJUANA R. ESTUARY HH2 (x5)	716	3/25/93	15	-9	-9	-9	-9
93126.0	SILVER STRAND FF7 (x2)	729	4/6/93	16	-9	-9	-8	-9
93127.0	SOUTH BAY GG2 (x1)	730	4/6/93	16	-9	-9	-9	-9
93129.0	SOUTH BAY GG4 (x1)	732	4/6/93	16	-9	-9	-9	-9
90014.0	38 SCHWARTZ	733	4/6/93	16	-9	-9	-9	-9
93131.0	CORNADO CAYS T1 (x1)	734	4/6/93	16	-9	-9	-9	-9
93132.0	CORNADO CAYS T3 (x1)	735	4/6/93	16	-9	-9	-9	-9
93133.0	CHANNEL-NAVAL-BASE Z1 (x1)	736	4/6/93	16	-9	-9	-9	-9
93134.0	SOUTH SHORE-MOUTH BB2 (x1)	737	4/6/93	16	-9	-9	-9	-9
93135.0	SOUTH SHORE-MOUTH BB3 (x1)	738	4/6/93	16	-9	-9	-9	-9

Percent Normal Shell Development of Mussel Larvae in Subsurface Water

STANUM	STATION	IDORG	DATE	LEG	MES100_MN	MES100_SD	MES100_SG	MES100_NH3
93136.0	NORTH SHORE-MOUTH CC2 (x1)	739	4/6/93	16	-9	-9	-9	-9
93138.0	SHELTER ISLAND E3 (x2)	741	4/6/93	16	-9	-9	-9	-9
93128.0	SOUTHBAY GG5 (x1)	750	4/6/93	16	-9	-9	-9	-9
93122.0	SOUTH SHORE-CORONADO DD3 (x1)	725	4/7/93	16	-9	-9	-9	-9
93123.0	SILVER STRAND FF1 (x1)	726	4/7/93	16	-9	-9	-9	-9
93124.0	SILVER STRAND FF2 (x1)	727	4/7/93	16	-9	-9	-9	-9
93125.0	SILVER STRAND FF4 (x4)	728	4/7/93	16	-9	-9	-9	-9
90006.0	23 SCHWARTZ	731	4/7/93	16	-9	-9	-9	-9
93137.0	NORTH SHORE-MOUTH CC3 (x1)	740	4/7/93	16	-9	-9	-9	-9
93139.0	COMMERCIAL BASIN F1 (x1)	742	4/7/93	16	-9	-9	-9	-9
93140.0	COMMERCIAL BASIN F2 (x1)	743	4/7/93	16	-9	-9	-9	-9
93141.0	COMMERCIAL BASIN F3 (x1)	744	4/7/93	16	-9	-9	-9	-9
90018.0	D DE LAPPE	748	4/7/93	16	-9	-9	-9	-9
90030.0	BF SCHROEDER SITE F	749	4/7/93	16	-9	-9	-9	-9
93148.0	CHANNEL-CORONADO Y1 (x2)	751	4/7/93	16	-9	-9	-9	-9
93142.0	SOUTH SHORE-CORONADO DD1(X1)	752	4/7/93	16	-9	-9	-9	-9
93144.0	CAMPBELL SHIPYARDS N1 (x1)	754	4/20/93	17	-9	-9	-9	-9
93145.0	CAMPBELL SHIPYARDS N2 (x1)	755	4/20/93	17	-9	-9	-9	-9
93146.0	GLORIETTA BAY U2 (x1)	756	4/20/93	17	-9	-9	-9	-9
93147.0	GLORIETTA BAY U3 (x1)	757	4/20/93	17	-9	-9	-9	-9
93149.0	CHANNEL-MOUTH X1 (x1)	758	4/20/93	17	-9	-9	-9	-9
93150.0	CHANNEL-NAVAL BASE Z1 (x2)	759	4/20/93	17	-9	-9	-9	-9
93151.0	CHANNEL-SOUTH BAY AA1 (x1)	760	4/20/93	17	-9	-9	-9	-9
93152.0	SOUTH SHORE-MOUTH BB1 (x1)	761	4/20/93	17	-9	-9	-9	-9
93154.0	NORTH SHORE-MOUTH CC4 (x1)	763	4/20/93	17	-9	-9	-9	-9
93155.0	SOUTH SHORE-CORONADO DD2 (x1)	764	4/20/93	17	-9	-9	-9	-9
93156.0	NORTH SHORE-CORONADO EE1 (x1)	765	4/20/93	17	-9	-9	-9	-9
93157.0	NORTH SHORE-CORONADO EE2 (x1)	766	4/20/93	17	-9	-9	-9	-9
93158.0	SOUTH BAY GG1 (x1)	767	4/20/93	17	-9	-9	-9	-9
93159.0	SOUTH BAY GG3 (x1)	768	4/20/93	17	-9	-9	-9	-9
93160.0	CHANNEL-SOUTH BAY AA2(x1)BLIND	773	4/20/93	17	-9	-9	-9	-9
93143.0	FUEL PIERS D1 (x1)	753	4/21/93	17	-9	-9	-9	-9
93153.0	NORTH SHORE-MOUTH CC1 (x1)	762	4/21/93	17	-9	-9	-9	-9
93161.0	SUB BASE C1 (x1)	774	5/4/93	18	-9	-9	-9	-9
93162.0	SUB BASE C3 (x1)	775	5/4/93	18	-9	-9	-9	-9
93163.0	FUEL PIERS D2 (x2)	776	5/4/93	18	-9	-9	-9	-9
93164.0	SHELTER ISLAND E1 (x1)	777	5/4/93	18	-9	-9	-9	-9
93165.0	NAVY ESTUARY G1 (x1)	778	5/4/93	18	-9	-9	-9	-9
93166.0	NAVY ESTUARY G2 (x1)	779	5/4/93	18	-9	-9	-9	-9
93167.0	NAVY ESTUARY G3 (x1)	780	5/4/93	18	-9	-9	-9	-9
93169.0	EAST BASIN I2 (x1)	782	5/4/93	18	-9	-9	-9	-9
93171.0	MARINE TERMINAL R1 (x1)	784	5/4/93	18	-9	-9	-9	-9
93172.0	SILVER STRAND FF3 (x1)	785	5/4/93	18	-9	-9	-9	-9
93173.0	SILVER STRAND FF6 (x1)	786	5/4/93	18	-9	-9	-9	-9

Percent Normal Shell Development of Mussel Larvae in Subsurface Water

STANUM	STATION	IDORG	DATE	LEG	MES100_MN	MES100_SD	MES100_SG	MES100_NH3
93168.0	WEST BASIN H2 (x1)	781	5/5/93	18	-9	-9	-9	-9
93170.0	CHOLLAS CREEK P1 (x2)	783	5/5/93	18	-9	-9	-9	-9
93174.0	TUJANA R. ESTUARY HH3 (x2)	787	5/5/93	18	-9	-9	-9	-9
93175.0	TUJANA R. ESTUARY HH3 (x3)	788	5/5/93	18	-9	-9	-9	-9
93176.0	MARINE TERMINAL R6 (x1) BLIND	794	5/6/93	18	-9	-9	-9	-9
93177.0	NAVAL SHIPYARDS O1 (x1)	795	5/26/93	19	-9	-9	-9	-9
93178.0	NAVAL SHIPYARDS O2 (x1)	796	5/26/93	19	-9	-9	-9	-9
93178.0	NAVAL SHIPYARDS O3 (x1)	797	5/26/93	19	-9	-9	-9	-9
93181.0	NAVAL SHIPYARDS O6 (x1)	799	5/26/93	19	-9	-9	-9	-9
93182.0	NAVAL SHIPYARDS O8 (x4)	800	5/26/93	19	-9	-9	-9	-9
93183.0	NAVAL SHIPYARDS O8 (x1)	801	5/26/93	19	-9	-9	-9	-9
93184.0	NAVAL SHIPYARDS O11 (x1)	802	5/26/93	19	-9	-9	-9	-9
93185.0	NAVAL SHIPYARDS O14 (x1)	803	5/26/93	19	-9	-9	-9	-9
93186.0	FUEL PIER D4 (x1)	804	5/26/93	19	-9	-9	-9	-9
93187.0	MARINE TERMINAL R2 (x1)	805	5/26/93	19	-9	-9	-9	-9
93188.0	CARRIER BASE V1 (x2)	806	5/26/93	19	-9	-9	-9	-9
93189.0	NAVAL SHIPYARDS O15 (x1) BLIND	814	5/26/93	19	-9	-9	-9	-9
90051.0	16 SWARTZ (INTERCONT. MARINA)	818	6/15/93	20	-9	-9	-9	-9
93192.0	INTERCONT. MARINA M1 (x2)	819	6/15/93	20	-9	-9	-9	-9
93193.0	INTERCONT. MARINA M1 (x1)	820	6/15/93	20	-9	-9	-9	-9
90037.0	STORMDRAIN EM (GRAPE ST.)-REP1	827	6/15/93	20	-9	-9	-9	-9
90037.0	STORMDRAIN EM (GRAPE ST.)-REP2	828	6/15/93	20	-9	-9	-9	-9
90037.0	STORMDRAIN EM (GRAPE ST.)-REP3	829	6/15/93	20	-9	-9	-9	-9
93198.0	INTERCONT. MARINA M2(x1) BLIND	833	6/15/93	20	-9	-9	-9	-9
90013.0	37 SWARTZ (MARINA)	815	6/16/93	20	-9	-9	-9	-9
93190.0	MARINA I1 (x1)	816	6/16/93	20	-9	-9	-9	-9
93191.0	MARINA I1 (x3)	817	6/16/93	20	-9	-9	-9	-9
90015.0	41 SWARTZ (GLORIETTA BAY)	821	6/16/93	20	-9	-9	-9	-9
93194.0	GLORIETTA BAY U1 (x1)	822	6/16/93	20	-9	-9	-9	-9
93195.0	GLORIETTA BAY U1 (x2)	823	6/16/93	20	-9	-9	-9	-9
90012.0	34 SWARTZ (C.V. YACHT BASIN)	824	6/16/93	20	-9	-9	-9	-9
93196.0	CHULA V. YACHT BASIN S1 (x1)	825	6/16/93	20	-9	-9	-9	-9
93197.0	CHULA V. YACHT BASIN S1 (x3)	826	6/16/93	20	-9	-9	-9	-9
90053.0	35 SWARTZ (CORONADO CAYS)	843	7/20/93	21	-9	-9	-9	-9
93203.0	CORONADO CAYS T2 (x1)	844	7/20/93	21	-9	-9	-9	-9
93204.0	CORONADO CAYS T2 (x2)	845	7/20/93	21	-9	-9	-9	-9
90003.0	14 SWARTZ (DOWNTOWN PIERS)	846	7/20/93	21	-9	-9	-9	-9
93205.0	DOWNTOWN PIERS K1 (x9)	847	7/20/93	21	-9	-9	-9	-9
93206.0	DOWNTOWN PIERS K1 (x11)	848	7/20/93	21	-9	-9	-9	-9
90004.0	15 SWARTZ (G ST. PIER MARINA)	849	7/20/93	21	-9	-9	-9	-9
93207.0	G ST. PIER MARINA L1 (x4)	850	7/20/93	21	-9	-9	-9	-9
93208.0	G ST. PIER MARINA L1 (x5)	851	7/20/93	21	-9	-9	-9	-9
93209.0	DOWNTOWN PIERS K4 BLIND (x4)	852	7/20/93	21	-9	-9	-9	-9
93107.0	MISSION BAY A3 (x1)-REP 1	853	7/21/93	21	-9	-9	-9	-9

Percent Normal Shell Development of Mussel Larvae in Subsurface Water

STANUM	STATION	IDORG	DATE	LEG	MES100_MN	MES100_SD	MES100_SG	MES100_NH3
93107.0	MISSION BAY A3 (x1)-REP 2	854	7/21/93	21	-9	-9	-9	-9
93107.0	MISSION BAY A3 (x1)-REP 3	855	7/21/93	21	-9	-9	-9	-9
93112.0	MISSION BAY A8 (x1)-REP 1	856	7/21/93	21	-9	-9	-9	-9
93112.0	MISSION BAY A8 (x1)-REP 2	857	7/21/93	21	-9	-9	-9	-9
93112.0	MISSION BAY A8 (x1)-REP 3	858	7/21/93	21	-9	-9	-9	-9
93108.0	MISSION BAY A4 (x1)-REP 1	859	7/21/93	21	-9	-9	-9	-9
93108.0	MISSION BAY A4 (x1)-REP 2	860	7/21/93	21	-9	-9	-9	-9
93108.0	MISSION BAY A4 (x1)-REP 3	861	7/21/93	21	-9	-9	-9	-9
90050.0	10 SWARTZ (WEST BASIN)	837	8/3/93	21	-9	-9	-9	-9
93199.0	WEST BASIN H1 (x1)	838	8/3/93	21	-9	-9	-9	-9
93200.0	WEST BASIN H1 (x4)	839	8/3/93	21	-9	-9	-9	-9
90001.0	11 SWARTZ (EAST BASIN)	840	8/3/93	21	-9	-9	-9	-9
93201.0	EAST BASIN I1 (x1)	841	8/3/93	21	-9	-9	-9	-9
93202.0	EAST BASIN I1 (x5)	842	8/3/93	21	-9	-9	-9	-9
93180.0	NAVAL BASE/SHIPYARDS O5 (x1)	798	8/4/93	22	-9	-9	-9	-9
90021.0	K SWARTZ (NAVAL BASE O4)	862	8/4/93	22	-9	-9	-9	-9
93210.0	NAVAL BASE/SHIPYARDS O4 (x1)	863	8/4/93	22	-9	-9	-9	-9
93211.0	NAVAL BASE/SHIPYARDS O4 (x2)	864	8/4/93	22	-9	-9	-9	-9
90006.0	23 SWARTZ (NAVAL BASE O7)	865	8/4/93	22	-9	-9	-9	-9
93212.0	NAVAL BASE/SHIPYARDS O7 (x1)	866	8/4/93	22	-9	-9	-9	-9
93213.0	NAVAL BASE/SHIPYARDS O7 (x4)	867	8/4/93	22	-9	-9	-9	-9
90022.0	P SWARTZ (NAVAL BASE O12)	868	8/4/93	22	-9	-9	-9	-9
93214.0	NAVAL BASE/SHIPYARDS O12 (x3)	869	8/4/93	22	-9	-9	-9	-9
93215.0	NAVAL BASE/SHIPYARDS O12 (x4)	870	8/4/93	22	-9	-9	-9	-9
90028.0	NSB-M1 (SUB BASE C2)	871	8/4/93	22	-9	-9	-9	-9
93216.0	SUB BASE C2 (x1)	872	8/4/93	22	-9	-9	-9	-9
93217.0	SUB BASE C2 (x3)	873	8/4/93	22	-9	-9	-9	-9
93218.0	SUB BASE C2 (x11) BLIND	874	8/4/93	22	-9	-9	-9	-9
93116.0	SAN DIEGO RIVER B1 (x4)-REP 1	881	8/5/93	22	-9	-9	-9	-9
93116.0	SAN DIEGO RIVER B1 (x4)-REP 2	882	8/5/93	22	-9	-9	-9	-9
93118.0	SAN DIEGO RIVER B1 (x4)-REP 3	883	8/5/93	22	-9	-9	-9	-9
90052.0	32 SWARTZ(SWEETWATER CH)-REP 1	875	8/18/93	22	-9	-9	-9	-9
93219.0	SWEETWATER CH. JJ1 (x1)-REP 2	876	8/18/93	22	-9	-9	-9	-9
93220.0	SWEETWATER CH. JJ1 (x8)-REP 3	877	8/18/93	22	-9	-9	-9	-9
90002.0	12 SWARTZ(DOWNTOWN ANCH)-REP 1	878	8/18/93	22	-9	-9	-9	-9
93221.0	DOWNTOWN ANCH. J1 (x1)-REP 2	879	8/18/93	22	-9	-9	-9	-9
93222.0	DOWNTOWN ANCH. J1 (x2)-REP 3	880	8/18/93	22	-9	-9	-9	-9
90007.0	25 SWARTZ (NAVAL BASE/SY O10)	867	8/17/93	23	-9	-9	-9	-9
93223.0	NAVAL BASE/SHIPYARD O10 (x2)	888	8/17/93	23	-9	-9	-9	-9
93224.0	NAVAL BASE/SHIPYARD O10(x6)	889	8/17/93	23	-9	-9	-9	-9
90008.0	27 SWARTZ (NAVAL BASE/SH O13)	880	8/17/93	23	-9	-9	-9	-9
93225.0	NAVAL BASE/SHIPYARD O13 (x1)	891	8/17/93	23	-9	-9	-9	-9
93226.0	NAVAL BASE/SHIPYARD O13 (x3)	892	8/17/93	23	-9	-9	-9	-9
90009.0	28 SWARTZ (7TH ST CHANNEL Q1)	893	8/17/93	23	-9	-9	-9	-9

Percent Normal Shell Development of Mussel Larvae in Subsurface Water

STANUM	STATION	IDORG	DATE	LEG	MES100_MN	MES100_SD	MES100_SG	MES100_NH3
93227.0	SEVENTH ST CHANNEL Q1 (x5)	894	8/17/93	23	-9	-9	-9	-9
93228.0	SEVENTH ST CHANNEL Q1 (x6)	895	8/17/93	23	-9	-9	-9	-9
90010.0	31 SWARTZ (MARINE TERMINAL R3)	896	8/17/93	23	-9	-9	-9	-9
93229.0	MARINE TERMINAL R3 (x1)	897	8/17/93	23	-9	-9	-9	-9
93230.0	MARINE TERMINAL R3 (x3)	898	8/17/93	23	-9	-9	-9	-9
90025.0	SDNI-N5 (CARRIER BASE V2)	899	8/18/93	23	-9	-9	-9	-9
93231.0	CARRIER BASE V2 (x6)	1000	8/18/93	23	-9	-9	-9	-9
93232.0	CARRIER BASE V2 (x7)	1001	8/18/93	23	-9	-9	-9	-9
93132.0	CORONADO CAYS T3 (x1)	1025	1/18/94	24	-9	-9	-9	-9
93129.0	SOUTH BAY GG4 (x1)	1026	1/18/94	24	-9	-9	-9	-9
93151.0	CHANNEL-SOUTH BAY AA1 (x1)	1027	1/18/94	24	-9	-9	-9	-9
93127.0	SOUTH BAY GG2 (x1)	1028	1/18/94	24	-9	-9	-9	-9
93139.0	COMMERCIAL BASIN F1 (x1)	1030	1/18/94	24	-9	-9	-9	-9
93106.0	MISSION BAY A2 (x1)	1031	1/18/94	24	-9	-9	-9	-9
93128.0	SOUTHBAY GG5 (x1)	1033	1/18/94	24	-9	-9	-9	-9
93158.0	SOUTH BAY GG1 (x1) REP 1	1035	1/18/94	24	-9	-9	-9	-9
93158.0	SOUTH BAY GG1 (x1) REP 2	1036	1/18/94	24	-9	-9	-9	-9
93158.0	SOUTH BAY GG1 (x1) REP 3	1037	1/18/94	24	-9	-9	-9	-9
93122.0	S.S.- CORONADO DD3 (x1) REP 1	1013	1/19/94	24	-9	-9	-9	-9
93122.0	S.S.- CORONADO DD3 (x1) REP 2	1014	1/19/94	24	-9	-9	-9	-9
93122.0	S.S.- CORONADO DD3 (x1) REP 3	1015	1/19/94	24	-9	-9	-9	-9
93125.0	SILVER STRAND FF4 (x4) REP 1	1016	1/19/94	24	-9	-9	-9	-9
93125.0	SILVER STRAND FF4 (x4) REP 2	1017	1/19/94	24	-9	-9	-9	-9
93125.0	SILVER STRAND FF4 (x4) REP 3	1018	1/19/94	24	-9	-9	-9	-9
90057.0	5 SDG&E REP 1	1019	1/19/94	24	-9	-9	-9	-9
90057.0	5 SDG&E REP 2	1020	1/19/94	24	-9	-9	-9	-9
90057.0	5 SDG&E REP 3	1021	1/19/94	24	-9	-9	-9	-9
93117.0	SAN DIEGO RIVER B2 (x2)	1029	1/19/94	24	-9	-9	-9	-9
93120.0	TIJUANA R. ESTUARY HH2 (x1)	1032	1/19/94	24	-9	-9	-9	-9
93121.0	TIJUANA R. ESTUARY HH2 (x5)	1034	1/19/94	24	-9	-9	-9	-9
90036.0	STORMDRAIN EA (ROHR CH.) REP 1	1022	1/20/94	24	-9	-9	-9	-9
90036.0	STORMDRAIN EA (ROHR CH.) REP 2	1023	1/20/94	24	-9	-9	-9	-9
90036.0	STORMDRAIN EA (ROHR CH.) REP 3	1024	1/20/94	24	-9	-9	-9	-9
90020.0	G DE LAPPE-REP 1	1104	3/1/94	27	-9	-9	-9	-9
90020.0	G DE LAPPE-REP 2	1105	3/1/94	27	-9	-9	-9	-9
90020.0	G DE LAPPE-REP 3	1106	3/1/94	27	-9	-9	-9	-9
90022.0	P SWARTZ-REP 1	1107	3/1/94	27	-9	-9	-9	-9
90022.0	P SWARTZ-REP 2	1108	3/1/94	27	-9	-9	-9	-9
90022.0	P SWARTZ-REP 3	1109	3/1/94	27	-9	-9	-9	-9
90029.0	NSB-R1-REP 1	1113	3/1/94	27	-9	-9	-9	-9
90029.0	NSB-R1-REP 2	1114	3/1/94	27	-9	-9	-9	-9
90029.0	NSB-R1-REP 3	1115	3/1/94	27	-9	-9	-9	-9
80024.0	SDNI-N1-REP 1	1116	3/1/94	27	-9	-9	-9	-9
90024.0	SDNI-N1-REP 2	1117	3/1/94	27	-9	-9	-9	-9

Percent Normal Shell Development of Mussel Larvae in Subsurface Water

STANUM	STATION	IDORG	DATE	LEG	MES100_MN	MES100_SD	MES100_SG	MES100_NH3
90024.0	SDNI-N1-REP 3	1118	3/1/94	27	-9	-9	-9	-9
93185.0	NAVAL SHIPYARDS O14 (X1)	1125	3/1/94	27	-9	-9	-9	-9
93163.0	FUEL PIERS D2 (X2)	1126	3/1/94	27	-9	-9	-9	-9
93161.0	SUB BASE C1 (X1)	1127	3/1/94	27	-9	-9	-9	-9
93171.0	MARINE TERMINAL R1 (X1)	1128	3/1/94	27	-9	-9	-9	-9
90013.0	37 SWARTZ-REP 1	1098	3/2/94	27	-9	-9	-9	-9
90013.0	37 SWARTZ-REP 2	1099	3/2/94	27	-9	-9	-9	-9
90013.0	37 SWARTZ-REP 3	1100	3/2/94	27	-9	-9	-9	-9
93106.0	MISSION BAY A2 (X1)-REP 1	1101	3/2/94	27	-9	-9	-9	-9
93106.0	MISSION BAY A2 (X1)-REP 2	1102	3/2/94	27	-9	-9	-9	-9
93106.0	MISSION BAY A2 (X1)-REP 3	1103	3/2/94	27	-9	-9	-9	-9
93181.0	NAVAL SHIPYARDS O6 (X1)-REP 1	1110	3/2/94	27	-9	-9	-9	-9
93181.0	NAVAL SHIPYARDS O6 (X1)-REP 2	1111	3/2/94	27	-9	-9	-9	-9
93181.0	NAVAL SHIPYARDS O6 (X1)-REP 3	1112	3/2/94	27	-9	-9	-9	-9
93178.0	NAVAL SHIPYARDS O2 (X1)-REP 1	1119	3/2/94	27	-9	-9	-9	-9
93178.0	NAVAL SHIPYARDS O2 (X1)-REP 2	1120	3/2/94	27	-9	-9	-9	-9
93178.0	NAVAL SHIPYARDS O2 (X1)-REP 3	1121	3/2/94	27	-9	-9	-9	-9
93178.0	NAVAL SHIPYARDS O3 (X1)-REP 1	1122	3/2/94	27	-9	-9	-9	-9
93179.0	NAVAL SHIPYARDS O3 (X1)-REP 2	1123	3/2/94	27	-9	-9	-9	-9
93179.0	NAVAL SHIPYARDS O3 (X1)-REP 3	1124	3/2/94	27	-9	-9	-9	-9
90052.0	32 SWARTZ(SWEETWATER CH)-REP 1	1129	3/15/94	28	-9	-9	-9	-9
90052.0	32 SWARTZ(SWEETWATER CH)-REP 2	1130	3/15/94	28	-9	-9	-9	-9
90052.0	32 SWARTZ(SWEETWATER CH)-REP 3	1131	3/15/94	28	-9	-9	-9	-9
93131.0	CORONADO CAYS T1 (X1)-REP 1	1138	3/15/94	28	-9	-9	-9	-9
93131.0	CORONADO CAYS T1 (X1)-REP 2	1139	3/15/94	28	-9	-9	-9	-9
93131.0	CORONADO CAYS T1 (X1)-REP 3	1140	3/15/94	28	-9	-9	-9	-9
93160.0	CHANNEL-SOUTH BAY AA2(X1)-REP1	1141	3/15/94	28	-9	-9	-9	-9
93160.0	CHANNEL-SOUTH BAY AA2(X1)-REP2	1142	3/15/94	28	-9	-9	-9	-9
93160.0	CHANNEL-SOUTH BAY AA2(X1)-REP3	1143	3/15/94	28	-9	-9	-9	-9
90030.0	BF SCHROEDER SITE F-REP 1	1144	3/15/94	28	-9	-9	-9	-9
90030.0	BF SCHROEDER SITE F-REP 2	1145	3/15/94	28	-9	-9	-9	-9
90030.0	BF SCHROEDER SITE F-REP 3	1146	3/15/94	28	-9	-9	-9	-9
93159.0	SOUTH BAY GG3 (X1)-REP 1	1147	3/15/94	28	-9	-9	-9	-9
93159.0	SOUTH BAY GG3 (X1)-REP 2	1148	3/15/94	28	-9	-9	-9	-9
93159.0	SOUTH BAY GG3 (X1)-REP 3	1149	3/15/94	28	-9	-9	-9	-9
90043.0	CORONADO WHARF-REP 1	1156	3/15/94	28	-9	-9	-9	-9
90043.0	CORONADO WHARF-REP 2	1157	3/15/94	28	-9	-9	-9	-9
90043.0	CORONADO WHARF-REP 3	1158	3/15/94	28	-9	-9	-9	-9
93120.0	TIJUANA R. EST. HH2 (X1)-REP 1	1132	3/16/94	28	-9	-9	-9	-9
93120.0	TIJUANA R. EST. HH2 (X1)-REP 2	1133	3/16/94	28	-9	-9	-9	-9
93120.0	TIJUANA R. EST. HH2 (X1)-REP 3	1134	3/16/94	28	-9	-9	-9	-9
93121.0	TIJUANA R. EST. HH2 (X5)-REP 1	1135	3/16/94	28	-9	-9	-9	-9
93121.0	TIJUANA R. EST. HH2 (X5)-REP 2	1136	3/16/94	28	-9	-9	-9	-9
93121.0	TIJUANA R. EST. HH2 (X5)-REP 3	1137	3/16/94	28	-9	-9	-9	-9

Percent Normal Shell Development of Mussel Larvae in Subsurface Water

STANUM	STATION	IDORG	DATE	LEG	MES100_MN	MES100_SD	MES100_SG	MES100_NH3
93174.0	TIJUANA R. EST. HH3 (x2)-REP 1	1150	3/16/94	28	-9	-9	-9	-9
93174.0	TIJUANA R. EST. HH3 (x2)-REP 2	1151	3/16/94	28	-9	-9	-9	-9
93174.0	TIJUANA R. EST. HH3 (x2)-REP 3	1152	3/16/94	28	-9	-9	-9	-9
93166.0	NAVY ESTUARY G2 (x1)-REP 1	1153	3/16/94	28	-9	-9	-9	-9
93166.0	NAVY ESTUARY G2 (x1)-REP 2	1154	3/16/94	28	-9	-9	-9	-9
93166.0	NAVY ESTUARY G2 (x1)-REP 3	1155	3/16/94	28	-9	-9	-9	-9
90037.0	STORMDRAIN EM(GRAPE ST.)-REP 1	1159	3/29/94	29	-9	-9	-9	-9
90037.0	STORMDRAIN EM(GRAPE ST.)-REP 2	1160	3/29/94	29	-9	-9	-9	-9
90037.0	STORMDRAIN EM(GRAPE ST.)-REP 3	1161	3/29/94	29	-9	-9	-9	-9
93148.0	CHANNEL-CORONADO Y1 (x2)-REP 1	1162	3/29/94	29	-9	-9	-9	-9
93148.0	CHANNEL-CORONADO Y1 (x2)-REP 2	1163	3/29/94	29	-9	-9	-9	-9
93148.0	CHANNEL-CORONADO Y1 (x2)-REP 3	1164	3/29/94	29	-9	-9	-9	-9
93138.0	SHELTER ISLAND E3 (x2)-REP 1	1165	3/29/94	29	-9	-9	-9	-9
93138.0	SHELTER ISLAND E3 (x2)-REP 2	1166	3/29/94	29	-9	-9	-9	-9
93138.0	SHELTER ISLAND E3 (x2)-REP 3	1167	3/29/94	29	-9	-9	-9	-9
93141.0	COMMERCIAL BASIN F3 (x1)-REP 1	1168	3/29/94	29	-9	-9	-9	-9
93141.0	COMMERCIAL BASIN F3 (x1)-REP 2	1169	3/29/94	29	-9	-9	-9	-9
93141.0	COMMERCIAL BASIN F3 (x1)-REP 3	1170	3/29/94	29	-9	-9	-9	-9
90018.0	D DE LAPPE-REP 1	1183	3/29/94	29	-9	-9	-9	-9
90018.0	D DE LAPPE-REP 2	1184	3/29/94	29	-9	-9	-9	-9
90018.0	D DE LAPPE-REP 3	1185	3/29/94	29	-9	-9	-9	-9
90104.0	WEST BASIN ENTRANCE(71C)-REP 1	1186	3/29/94	29	-9	-9	-9	-9
90104.0	WEST BASIN ENTRANCE(71C)-REP 2	1187	3/29/94	28	-9	-9	-9	-9
90104.0	WEST BASIN ENTRANCE(71C)-REP 3	1188	3/29/94	28	-9	-9	-9	-9
93107.0	MISSION BAY A3 (x1)-REP 1	1180	3/30/94	29	-9	-9	-9	-9
93107.0	MISSION BAY A3 (x1)-REP 2	1181	3/30/94	28	-9	-9	-9	-9
93107.0	MISSION BAY A3 (x1)-REP 3	1182	3/30/94	29	-9	-9	-9	-9
93163.0	FUEL PIERS D2 (x2)-REP 1	1303	5/18/94	32	-9	-9	-9	-9
93163.0	FUEL PIERS D2 (x2)-REP 2	1304	5/18/94	32	-9	-9	-9	-9
93163.0	FUEL PIERS D2 (x2)-REP 3	1305	5/18/94	32	-9	-9	-9	-9
93171.0	MARINE TERMINAL R1 (x1)-REP 1	1306	5/18/94	32	-9	-9	-9	-9
93171.0	MARINE TERMINAL R1 (x1)-REP 2	1307	5/18/94	32	-9	-9	-9	-9
93171.0	MARINE TERMINAL R1 (x1)-REP 3	1308	5/18/94	32	-9	-9	-9	-9
93185.0	NAVAL SHIPYARDS O14 (x1)-REP 1	1309	5/18/94	32	-9	-9	-9	-9
93185.0	NAVAL SHIPYARDS O14 (x1)-REP 2	1310	5/18/94	32	-9	-9	-9	-9
93185.0	NAVAL SHIPYARDS O14 (x1)-REP 3	1311	5/18/94	32	-9	-9	-9	-9
93161.0	SUB BASE C1 (x1)-REP 1	1312	5/18/94	32	-9	-9	-9	-9
93161.0	SUB BASE C1 (x1)-REP 2	1313	5/18/94	32	-9	-9	-9	-9
93161.0	SUB BASE C1 (x1)-REP 3	1314	5/18/94	32	-9	-9	-9	-9
90013.0	37 SWARTZ	1318	5/18/94	32	-9	-9	-9	-9
93106.0	MISSION BAY A2 (x1)	1319	5/18/94	32	-9	-9	-9	-9
90052.0	32 SWARTZ	1320	5/18/94	32	-9	-9	-9	-9

Section VIII

Mussel Development

in Porewater

Percent Normal Shell Development of Mussel Larvae in Porewater Water

STANUM	STATION	IDORG	DATE	LEG	MEP100_MN	MEP100_SD	MEP100_SG	MEP100_NH3	MEP100_H2S
90006.0	23 SWARTZ	155	10/13/92	5	-9	-9	-9	-9	-9
90019.0	E DE LAPPE	168	10/13/92	5	-9	-9	-9	-9	-9
90021.0	K SWARTZ	170	10/13/92	5	-9	-9	-9	-9	-9
90031.0	BG SCHROEDER SITE G	180	10/13/92	5	-9	-9	-9	-9	-9
90038.0	CC	187	10/13/92	5	-9	-9	-9	-9	-9
90071.0	BAIT BARGE	220	10/13/92	5	-9	-9	-9	-9	-9
90101.0	SCRIPPS PIER	250	10/13/92	5	-9	-9	-9	-9	-9
90036.0	STORM DRAIN- ROHR CHANNEL	185	10/14/92	5	-9	-9	-9	-9	-9
90053.0	35 SWARTZ	202	10/14/92	5	-9	-9	-9	-9	-9
90054.0	36 SWARTZ	203	10/14/92	5	-9	-9	-9	-9	-9
90001.0	11 SWARTZ	150	10/27/92	6	-9	-9	-9	-9	-9
90002.0	12 SWARTZ	151	10/27/92	6	-9	-9	-9	-9	-9
90016.0	42 SWARTZ	165	10/27/92	6	-9	-9	-9	-9	-9
90049.0	8B	198	10/27/92	6	-9	-9	-9	-9	-9
90056.0	8A SWARTZ	205	10/27/92	6	-9	-9	-9	-9	-9
90063.0	THOMPSON SITE 205	212	10/27/92	6	-9	-9	-9	-9	-9
90003.0	14 SWARTZ	152	10/28/92	6	-9	-9	-9	-9	-9
90004.0	15 SWARTZ	153	10/28/92	6	-9	-9	-9	-9	-9
90010.0	31 SWARTZ	159	10/28/92	6	-9	-9	-9	-9	-9
90011.0	33 SWARTZ	160	10/28/92	6	-9	-9	-9	-9	-9
90013.0	37 SWARTZ	162	10/28/92	6	-9	-9	-9	-9	-9
90017.0	C DELAPPE	166	10/28/92	6	-9	-9	-9	-9	-9
90048.0	6 SWARTZ	197	10/28/92	6	-9	-9	-9	-9	-9
90051.0	16 SWARTZ	200	10/28/92	6	-9	-9	-9	-9	-9
90052.0	32 SWARTZ	201	10/28/92	6	-9	-9	-9	-9	-9
90007.0	25 SWARTZ	156	11/10/92	7	-9	-9	-9	-9	-9
90008.0	27 SWARTZ	157	11/10/92	7	-9	-9	-9	-9	-9
90009.0	28 SWARTZ	158	11/10/92	7	-9	-9	-9	-9	-9
90022.0	P SWARTZ	171	11/10/92	7	-9	-9	-9	-9	-9
90026.0	SDNI-N18	175	11/10/92	7	-9	-9	-9	-9	-9
90027.0	NSB-S1	176	11/10/92	7	-9	-9	-9	-9	-9
90028.0	NSB-M1	177	11/10/92	7	-9	-9	-9	-9	-9
90029.0	NSB-R1	178	11/10/92	7	-9	-9	-9	-9	-9
90023.0	NM SANDBAG	172	11/11/92	7	-9	-9	-9	-9	-9
90024.0	SDNI-N1	173	11/11/92	7	-9	-9	-9	-9	-9
90025.0	SDNI-N5	174	11/11/92	7	-9	-9	-9	-9	-9
90050.0	10 SWARTZ	199	11/11/92	7	-9	-9	-9	-9	-9
90055.0	43 SWARTZ	204	11/11/92	7	-9	-9	-9	-9	-9
90102.0	HARBOR BRIDGE 71A	256	11/11/92	7	-9	-9	-9	-9	-9
90103.0	SCRIPPS TRIANGLE	257	11/11/92	7	-9	-9	-9	-9	-9
90005.0	21 SWARTZ	154	1/26/93	12	-9	-9	-9	-9	-9
90014.0	36 SWARTZ	163	1/26/93	12	-9	-9	-9	-9	-9
90018.0	D DE LAPPE	167	1/26/93	12	-9	-9	-9	-9	-9
90020.0	G DE LAPPE	169	1/26/93	12	-9	-9	-9	-9	-9

Percent Normal Shell Development of Mussel Larvae in Porewater Water

STANUM	STATION	IDORG	DATE	LEG	MEP100_MN	MEP100_SD	MEP100_SG	MEP100_NH3	MEP100_H2S
90030.0	BF SCHROEDER SITE F	179	1/26/93	12	-9	-9	-9	-9	-9
90032.0	BM SCHROEDER SITE M	181	1/26/93	12	-9	-9	-9	-9	-9
90037.0	STORM DRAIN EM- GRAPE STREET	186	1/26/93	12	-9	-9	-9	-9	-9
90039.0	CL	188	1/26/93	12	-9	-9	-9	-9	-9
90043.0	CORONADO WHARF	192	1/26/93	12	-9	-9	-9	-9	-9
90104.0	WEST BASIN ENTRANCE (71C) REF	275	1/26/93	12	-9	-9	-9	-9	-9
90012.0	34 SWARTZ	161	1/27/93	12	-9	-9	-9	-9	-9
90015.0	41 SWARTZ	164	1/27/93	12	-9	-9	-9	-9	-9
90040.0	SWEETWATER MARSH SD BAY	189	1/27/93	12	0.10	0.30	.	0.061	-8
90041.0	SOUTH SD BAY WETLANDS- OTAY R.	190	1/27/93	12	98.30	3.80	NS	0.010	-8
90057.0	5 SDG&E	206	1/27/93	12	-9	-9	NS	-9	-9
90058.0	7 SDG&E	207	1/27/93	12	97.70	5.10	NS	0.017	-8
93105.0	MISSION BAY A1 (x1)	700	3/23/93	15	-9	-9	-9	-9	-9
93106.0	MISSION BAY A2 (x1)	701	3/23/93	15	-8	-9	-9	-9	-9
93107.0	MISSION BAY A3 (x1)	702	3/23/93	15	-9	-9	-9	-9	-9
93108.0	MISSION BAY A4 (x1)	703	3/23/93	15	-9	-9	-9	-9	-9
93109.0	MISSION BAY A5 (x1)	704	3/23/93	15	-9	-9	-9	-9	-9
93110.0	MISSION BAY A6 (x1)	705	3/23/93	15	-9	-9	-9	-9	-9
93112.0	MISSION BAY A8 (x1)	707	3/23/93	15	-9	-9	-9	-9	-9
93113.0	MISSION BAY A9 (x1)	708	3/23/93	15	-8	-9	-9	-9	-9
93114.0	MISSION BAY A10 (x1)	709	3/23/93	15	-9	-9	-9	-9	-9
93115.0	MISSION BAY A11 (x1)	710	3/23/93	15	-9	-9	-9	-9	-9
93116.0	SAN DIEGO RIVER B1 (x4)	711	3/23/93	15	-9	-9	-9	-9	-9
93117.0	SAN DIEGO RIVER B2 (x2)	712	3/23/93	15	-9	-9	-9	-9	-9
93111.0	MISSION BAY A7 (x3)	706	3/24/93	15	-8	-9	-9	-9	-9
90002.0	12 SWARTZ	719	3/24/93	15	-9	-9	-9	-9	-9
90037.0	STORMDRAIN EM- GRAPE STREET	720	3/24/93	15	-9	-9	-9	-9	-9
90015.0	41 SWARTZ	721	3/24/93	15	-9	-9	-9	-9	-9
90012.0	34 SWARTZ	722	3/24/93	15	-9	-9	-9	-9	-9
90057.0	5 SDG&E	723	3/24/93	15	-9	-9	-9	-9	-9
90052.0	32 SWARTZ	724	3/24/93	15	-9	-9	-9	-9	-9
93118.0	TIJUANA R. ESTUARY HH1 (x2)	713	3/25/93	15	-9	-9	-9	-9	-9
93119.0	TIJUANA R. ESTUARY HH1 (x1)	714	3/25/93	15	-9	-9	-9	-9	-9
93120.0	TIJUANA R. ESTUARY HH2 (x1)	715	3/25/93	15	-8	-9	-9	-9	-9
93121.0	TIJUANA R. ESTUARY HH2 (x5)	716	3/25/93	15	-8	-9	-9	-9	-9
93126.0	SILVER STRAND FF7 (x2)	729	4/6/93	16	-9	-9	-9	-9	-9
93127.0	SOUTH BAY GG2 (x1)	730	4/6/93	16	-8	-9	-9	-9	-9
93128.0	SOUTH BAY GG4 (x1)	732	4/6/93	16	-9	-9	-9	-9	-9
90014.0	38 SCHWARTZ	733	4/6/93	16	-8	-9	-9	-9	-9
93131.0	CORONADO CAYS T1 (x1)	734	4/6/93	16	-8	-9	-9	-9	-9
93132.0	CORONADO CAYS T3 (x1)	735	4/6/93	16	-8	-9	-9	-9	-9
93133.0	CHANNEL-NAVAL BASE Z1 (x1)	736	4/6/93	16	-8	-9	-9	-9	-9
93134.0	SOUTH SHORE-MOUTH BB2 (x1)	737	4/6/93	16	-8	-9	-9	-9	-9
93135.0	SOUTH SHORE-MOUTH BB3 (x1)	738	4/6/93	16	-8	-9	-9	-9	-9

Percent Normal Shell Development of Mussel Larvae in Porewater Water

STANUM	STATION	IDORG	DATE	LEG	MEP100_MN	MEP100_SD	MEP100_SG	MEP100_NH3	MEP100_H2S
93136.0	NORTH SHORE-MOUTH CC2 (x1)	739	4/6/93	16	-9	-9	-9	-9	-9
93138.0	SHELTER ISLAND E3 (x2)	741	4/6/93	16	-9	-9	-9	-9	-9
93128.0	SOUTHBAY GG5 (x1)	750	4/6/93	16	-9	-9	-9	-9	-9
93122.0	SOUTH SHORE-CORONADO DD3 (x1)	725	4/7/93	16	-9	-9	-9	-9	-9
93123.0	SILVER STRAND FF1 (x1)	726	4/7/93	16	-9	-9	-9	-9	-9
93124.0	SILVER STRAND FF2 (x1)	727	4/7/93	16	-9	-9	-9	-9	-9
93125.0	SILVER STRAND FF4 (x4)	728	4/7/93	16	-9	-9	-9	-9	-9
90006.0	23 SCHWARTZ	731	4/7/93	16	-9	-9	-9	-9	-9
93137.0	NORTH SHORE-MOUTH CC3 (x1)	740	4/7/93	16	-9	-9	-9	-9	-9
93139.0	COMMERCIAL BASIN F1 (x1)	742	4/7/93	16	-9	-9	-9	-9	-9
93140.0	COMMERCIAL BASIN F2 (x1)	743	4/7/93	16	-9	-9	-9	-9	-9
93141.0	COMMERCIAL BASIN F3 (x1)	744	4/7/93	16	-9	-9	-9	-9	-9
90018.0	D DE LAPPE	748	4/7/93	16	-9	-9	-9	-9	-9
90030.0	BF SCHROEDER SITE F	749	4/7/93	16	-9	-9	-9	-9	-9
93148.0	CHANNEL-CORONADO Y1 (x2)	751	4/7/93	16	-9	-9	-9	-9	-9
93142.0	SOUTH SHORE-CORONADO DD1(X1)	752	4/7/93	16	-9	-9	-9	-9	-9
93144.0	CAMPBELL SHIPYARDS N1 (x1)	754	4/20/93	17	-9	-9	-9	-9	-9
93145.0	CAMPBELL SHIPYARDS N2 (x1)	755	4/20/93	17	-9	-9	-9	-9	-9
93146.0	GLORIETTA BAY U2 (x1)	756	4/20/93	17	-9	-9	-9	-9	-9
93147.0	GLORIETTA BAY U3 (x1)	757	4/20/93	17	-9	-9	-9	-9	-9
93149.0	CHANNEL-MOUTH X1 (x1)	758	4/20/93	17	-9	-9	-9	-9	-9
93150.0	CHANNEL-NAVAL BASE Z1 (x2)	759	4/20/93	17	-9	-9	-9	-9	-9
93151.0	CHANNEL-SOUTH BAY AA1 (x1)	760	4/20/93	17	-9	-9	-9	-9	-9
93152.0	SOUTH SHORE-MOUTH BB1 (x1)	761	4/20/93	17	-9	-9	-9	-9	-9
93154.0	NORTH SHORE-MOUTH CC4 (x1)	763	4/20/93	17	-9	-9	-9	-9	-9
93155.0	SOUTH SHORE-CORONADO DD2 (x1)	764	4/20/93	17	-9	-9	-9	-9	-9
93156.0	NORTH SHORE-CORONADO EE1 (x1)	765	4/20/93	17	-9	-9	-9	-9	-9
93157.0	NORTH SHORE-CORONADO EE2 (x1)	766	4/20/93	17	-9	-9	-9	-9	-9
93158.0	SOUTH BAY GG1 (x1)	767	4/20/93	17	-9	-9	-9	-9	-9
93159.0	SOUTH BAY GG3 (x1)	768	4/20/93	17	-9	-9	-9	-9	-9
93160.0	CHANNEL-SOUTH BAY AA2(x1)BLIND	773	4/20/93	17	-9	-9	-9	-9	-9
93143.0	FUEL PIERS D1 (x1)	753	4/21/93	17	-9	-9	-9	-9	-9
93153.0	NORTH SHORE-MOUTH CC1 (x1)	762	4/21/93	17	-9	-9	-9	-9	-9
93161.0	SUB BASE C1 (x1)	774	5/4/93	18	-9	-9	-9	-9	-9
93162.0	SUB BASE C3 (x1)	775	5/4/93	18	-9	-9	-9	-9	-9
93163.0	FUEL PIERS D2 (x2)	776	5/4/93	18	-9	-9	-9	-9	-9
93164.0	SHELTER ISLAND E1 (x1)	777	5/4/93	18	-9	-9	-9	-9	-9
93165.0	NAVY ESTUARY G1 (x1)	778	5/4/93	18	-9	-9	-9	-9	-9
93166.0	NAVY ESTUARY G2 (x1)	779	5/4/93	18	-9	-9	-9	-9	-9
93167.0	NAVY ESTUARY G3 (x1)	780	5/4/93	18	-9	-9	-9	-9	-9
93169.0	EAST BASIN I2 (x1)	782	5/4/93	18	-9	-9	-9	-9	-9
93171.0	MARINE TERMINAL R1 (x1)	784	5/4/93	18	-9	-9	-9	-9	-9
93172.0	SILVER STRAND FF3 (x1)	785	5/4/93	18	-9	-9	-9	-9	-9
93173.0	SILVER STRAND FF6 (x1)	786	5/4/93	18	-9	-9	-9	-9	-9

Percent Normal Shell Development of Mussel Larvae in Porewater Water

STANUM	STATION	IDORG	DATE	LEG	MEP100_MN	MEP100_SD	MEP100_SG	MEP100_NH3	MEP100_H2S
93168.0	WEST BASIN H2 (x1)	781	5/5/93	18	-9	-9	-9	-9	-9
93170.0	CHOLLAS CREEK P1 (x2)	783	5/5/93	18	-9	-9	-9	-9	-9
93174.0	TUJANA R. ESTUARY HH3 (x2)	787	5/5/93	18	-9	-9	-9	-9	-9
93175.0	TUJANA R. ESTUARY HH3 (x3)	788	5/5/93	18	-9	-9	-9	-9	-9
93176.0	MARINE TERMINAL R6 (x1) BLIND	794	5/6/93	18	-9	-9	-9	-9	-9
93177.0	NAVAL SHIPYARDS O1 (x1)	795	5/26/93	19	-9	-9	-9	-9	-9
93178.0	NAVAL SHIPYARDS O2 (x1)	796	5/26/93	19	-9	-9	-9	-9	-9
93179.0	NAVAL SHIPYARDS O3 (x1)	797	5/26/93	19	-9	-9	-9	-9	-9
93181.0	NAVAL SHIPYARDS O6 (x1)	799	5/26/93	19	-9	-9	-9	-9	-9
93182.0	NAVAL SHIPYARDS O8 (x4)	800	5/26/93	19	-9	-9	-9	-9	-9
93183.0	NAVAL SHIPYARDS O9 (x1)	801	5/26/93	19	-9	-9	-9	-9	-9
93184.0	NAVAL SHIPYARDS O11 (x1)	802	5/26/93	19	-9	-9	-9	-9	-9
93185.0	NAVAL SHIPYARDS O14 (x1)	803	5/26/93	19	-9	-9	-9	-9	-9
93186.0	FUEL PIER D4 (x1)	804	5/26/93	19	-9	-9	-9	-9	-9
93187.0	MARINE TERMINAL R2 (x1)	805	5/26/93	19	-9	-9	-9	-9	-9
93188.0	CARRIER BASE V1 (x2)	806	5/26/93	19	-9	-9	-9	-9	-9
93189.0	NAVAL SHIPYARDS O15 (x1) BLIND	814	5/26/93	19	-9	-9	-9	-9	-9
90051.0	16 SWARTZ (INTERCONT. MARINA)	816	6/15/93	20	-9	-9	-9	-9	-9
93192.0	INTERCONT. MARINA M1 (x2)	819	6/15/93	20	-9	-9	-9	-9	-9
93193.0	INTERCONT. MARINA M1 (x1)	820	6/15/93	20	-9	-9	-9	-9	-9
90037.0	STORMDRAIN EM (GRAPE ST.)-REP1	827	6/15/93	20	-9	-9	-9	-9	-9
90037.0	STORMDRAIN EM (GRAPE ST.)-REP2	828	6/15/93	20	-9	-9	-9	-9	-9
90037.0	STORMDRAIN EM (GRAPE ST.)-REP3	829	6/15/93	20	-9	-9	-9	-9	-9
93196.0	INTERCONT. MARINA M2(x1) BLIND	833	6/15/93	20	-9	-9	-9	-9	-9
90013.0	37 SWARTZ (MARINA)	815	6/16/93	20	-9	-9	-9	-9	-9
93190.0	MARINA I1 (x1)	816	6/16/93	20	-9	-9	-9	-9	-9
93191.0	MARINA I1 (x3)	817	6/16/93	20	-9	-9	-9	-9	-9
90015.0	41 SWARTZ (GLORIETTA BAY)	821	6/16/93	20	-9	-9	-9	-9	-9
93194.0	GLORIETTA BAY U1 (x1)	822	6/16/93	20	-9	-9	-9	-9	-9
93195.0	GLORIETTA BAY U1 (x2)	823	6/16/93	20	-9	-9	-9	-9	-9
90012.0	34 SWARTZ (C.V. YACHT BASIN)	824	6/16/93	20	-9	-9	-9	-9	-9
93196.0	CHULA V. YACHT BASIN S1 (x1)	825	6/16/93	20	-9	-9	-9	-9	-9
93197.0	CHULA V. YACHT BASIN S1 (x3)	826	6/16/93	20	-9	-9	-9	-9	-9
90053.0	35 SWARTZ (CORONADO CAYS)	843	7/20/93	21	-9	-9	-9	-9	-9
93203.0	CORONADO CAYS T2 (x1)	844	7/20/93	21	-9	-9	-9	-9	-9
93204.0	CORONADO CAYS T2 (x2)	845	7/20/93	21	-9	-9	-9	-9	-9
90003.0	14 SWARTZ (DOWNTOWN PIERS)	846	7/20/93	21	-9	-9	-9	-9	-9
93205.0	DOWNTOWN PIERS K1 (x9)	847	7/20/93	21	-9	-9	-9	-9	-9
93206.0	DOWNTOWN PIERS K1 (x11)	848	7/20/93	21	-9	-9	-9	-9	-9
90004.0	15 SWARTZ (G ST. PIER MARINA)	849	7/20/93	21	-9	-9	-9	-9	-9
93207.0	G ST. PIER MARINA L1 (x4)	850	7/20/93	21	-9	-9	-9	-9	-9
93208.0	G ST. PIER MARINA L1 (x5)	851	7/20/93	21	-9	-9	-9	-9	-9
93209.0	DOWNTOWN PIERS K4 BLIND (x4)	852	7/20/93	21	-9	-9	-9	-9	-9
93107.0	MISSION BAY A3 (x1)-REP 1	853	7/21/93	21	-9	-9	-9	-9	-9

Percent Normal Shell Development of Mussel Larvae in Porewater Water

STANUM	STATION	IDORG	DATE	LEG	MEP100_MN	MEP100_SD	MEP100_SG	MEP100_NH3	MEP100_H2S
93107.0	MISSION BAY A3 (x1)-REP 2	854	7/21/93	21	-9	-9	-9	-9	-9
93107.0	MISSION BAY A3 (x1)-REP 3	855	7/21/93	21	-9	-9	-9	-9	-9
93112.0	MISSION BAY A8 (x1)-REP 1	856	7/21/93	21	-9	-9	-9	-9	-9
93112.0	MISSION BAY A8 (x1)-REP 2	857	7/21/93	21	-9	-9	-9	-9	-9
93112.0	MISSION BAY A8 (x1)-REP 3	858	7/21/93	21	-9	-9	-9	-9	-9
93108.0	MISSION BAY A4 (x1)-REP 1	859	7/21/93	21	-9	-9	-9	-9	-9
93108.0	MISSION BAY A4 (x1)-REP 2	860	7/21/93	21	-9	-9	-9	-9	-9
93108.0	MISSION BAY A4 (x1)-REP 3	861	7/21/93	21	-9	-9	-9	-9	-9
90050.0	10 SWARTZ (WEST BASIN)	837	8/3/93	21	-9	-9	-9	-9	-9
93199.0	WEST BASIN H1 (x1)	838	8/3/93	21	-9	-9	-9	-9	-9
93200.0	WEST BASIN H1 (x4)	839	8/3/93	21	-9	-9	-9	-9	-9
90001.0	11 SWARTZ (EAST BASIN)	840	8/3/93	21	-9	-9	-9	-9	-9
93201.0	EAST BASIN I1 (x1)	841	8/3/93	21	-9	-9	-9	-9	-9
93202.0	EAST BASIN I1 (x5)	842	8/3/93	21	-9	-9	-9	-9	-9
93180.0	NAVAL BASE/SHIPYARDS O5 (x1)	798	8/4/93	22	-9	-9	-9	-9	-9
90021.0	K SWARTZ (NAVAL BASE O4)	862	8/4/93	22	-9	-9	-9	-9	-9
93210.0	NAVAL BASE/SHIPYARDS O4 (x1)	863	8/4/93	22	-9	-9	-9	-9	-9
93211.0	NAVAL BASE/SHIPYARDS O4 (x2)	864	8/4/93	22	-9	-9	-9	-9	-9
90006.0	23 SWARTZ (NAVAL BASE O7)	865	8/4/93	22	-9	-9	-9	-9	-9
93212.0	NAVAL BASE/SHIPYARDS O7 (x1)	866	8/4/93	22	-9	-9	-9	-9	-9
93213.0	NAVAL BASE/SHIPYARDS O7 (x4)	867	8/4/93	22	-9	-9	-9	-9	-9
90022.0	P SWARTZ (NAVAL BASE O12)	868	8/4/93	22	-9	-9	-9	-9	-9
93214.0	NAVAL BASE/SHIPYARDS O12 (x3)	869	8/4/93	22	-9	-9	-9	-9	-9
93215.0	NAVAL BASE/SHIPYARDS O12 (x4)	870	8/4/93	22	-9	-9	-9	-9	-9
90028.0	NSB-M1 (SUB BASE C2)	871	8/4/93	22	-9	-9	-9	-9	-9
93216.0	SUB BASE C2 (x1)	872	8/4/93	22	-9	-9	-9	-9	-9
93217.0	SUB BASE C2 (x3)	873	8/4/93	22	-9	-9	-9	-9	-9
93218.0	SUB BASE C2 (x11) BLIND	874	8/4/93	22	-9	-9	-9	-9	-9
93116.0	SAN DIEGO RIVER B1 (x4)-REP 1	881	8/5/93	22	-9	-9	-9	-9	-9
93116.0	SAN DIEGO RIVER B1 (x4)-REP 2	882	8/5/93	22	-9	-9	-9	-9	-9
93116.0	SAN DIEGO RIVER B1 (x4)-REP 3	883	8/5/93	22	-9	-9	-9	-9	-9
90052.0	32 SWARTZ(SWEETWATER CH)-REP 1	875	8/18/93	22	-9	-9	-9	-9	-9
93219.0	SWEETWATER CH. J1 (x1)-REP 2	876	8/18/93	22	-9	-9	-9	-9	-9
93220.0	SWEETWATER CH. J1 (x8)-REP 3	877	8/18/93	22	-9	-9	-9	-9	-9
90002.0	12 SWARTZ(DOWNTOWN ANCH)-REP 1	878	8/18/93	22	-9	-9	-9	-9	-9
93221.0	DOWNTOWN ANCH. J1 (x1)-REP 2	879	8/18/93	22	-9	-9	-9	-9	-9
93222.0	DOWNTOWN ANCH. J1 (x2)-REP 3	880	8/18/93	22	-9	-9	-9	-9	-9
90007.0	25 SWARTZ (NAVAL BASE/SY O10)	887	8/17/93	23	-9	-9	-9	-9	-9
93223.0	NAVAL BASE/SHIPYARD O10 (x2)	888	8/17/93	23	-9	-9	-9	-9	-9
93224.0	NAVAL BASE/SHIPYARD O10(x6)	889	8/17/93	23	-9	-9	-9	-9	-9
90008.0	27 SWARTZ (NAVAL BASE/SH O13)	890	8/17/93	23	-9	-9	-9	-9	-9
93225.0	NAVAL BASE/SHIPYARD O13 (x1)	891	8/17/93	23	-9	-9	-9	-9	-9
93226.0	NAVAL BASE/SHIPYARD O13 (x3)	892	8/17/93	23	-9	-9	-9	-9	-9
90009.0	28 SWARTZ (7TH ST CHANNEL Q1)	893	8/17/93	23	-9	-9	-9	-9	-9

Percent Normal Shell Development of Mussel Larvae in Porewater Water

STANUM	STATION	IDORG	DATE	LEG	MEP100_MN	MEP100_SD	MEP100_SG	MEP100_NH3	MEP100_H2S
93227.0	SEVENTH ST CHANNEL Q1 (x5)	894	8/17/93	23	-9	-9	-9	-9	-9
93228.0	SEVENTH ST CHANNEL Q1 (x6)	895	8/17/93	23	-9	-9	-9	-9	-9
90010.0	31 SWARTZ (MARINE TERMINAL R3)	896	8/17/93	23	-9	-9	-9	-9	-9
93229.0	MARINE TERMINAL R3 (x1)	897	8/17/93	23	-9	-9	-9	-9	-9
93230.0	MARINE TERMINAL R3 (x3)	898	8/17/93	23	-9	-9	-9	-9	-9
90025.0	SDNI-N5 (CARRIER BASE V2)	899	8/18/93	23	-9	-9	-9	-9	-9
93231.0	CARRIER BASE V2 (x6)	1000	8/18/93	23	-9	-9	-9	-9	-9
93232.0	CARRIER BASE V2 (x7)	1001	8/18/93	23	-9	-9	-9	-9	-9
93132.0	CORONADO CAYS T3 (x1)	1025	1/18/94	24	-9	-9	-9	-9	-9
93129.0	SOUTH BAY GG4 (x1)	1026	1/18/94	24	-9	-9	-9	-9	-9
93151.0	CHANNEL-SOUTH BAY AA1 (x1)	1027	1/18/94	24	-9	-9	-9	-9	-9
93127.0	SOUTH BAY GG2 (x1)	1028	1/18/94	24	-9	-9	-9	-9	-9
93139.0	COMMERCIAL BASIN F1 (x1)	1030	1/18/94	24	-9	-9	-9	-9	-9
93106.0	MISSION BAY A2 (x1)	1031	1/18/94	24	-9	-9	-9	-9	-9
93128.0	SOUTHBAY GG5 (x1)	1033	1/18/94	24	-9	-9	-9	-9	-9
93158.0	SOUTH BAY GG1 (x1) REP 1	1035	1/18/94	24	-9	-9	-9	-9	-9
93158.0	SOUTH BAY GG1 (x1) REP 2	1036	1/18/94	24	-9	-9	-9	-9	-9
93158.0	SOUTH BAY GG1 (x1) REP 3	1037	1/18/94	24	-9	-9	-9	-9	-9
93122.0	S.S.- CORONADO DD3 (x1) REP 1	1013	1/19/94	24	-9	-9	-9	-9	-9
93122.0	S.S.- CORONADO DD3 (x1) REP 2	1014	1/19/94	24	-9	-9	-9	-9	-9
93122.0	S.S.- CORONADO DD3 (x1) REP 3	1015	1/19/94	24	-9	-9	-9	-9	-9
93125.0	SILVER STRAND FF4 (x4) REP 1	1016	1/19/94	24	-9	-9	-9	-9	-9
93125.0	SILVER STRAND FF4 (x4) REP 2	1017	1/19/94	24	-9	-9	-9	-9	-9
93125.0	SILVER STRAND FF4 (x4) REP 3	1018	1/19/94	24	-9	-9	-9	-9	-9
90057.0	5 SDG&E REP 1	1019	1/19/94	24	-9	-9	-9	-9	-9
90057.0	5 SDG&E REP 2	1020	1/19/94	24	-9	-9	-9	-9	-9
90057.0	5 SDG&E REP 3	1021	1/19/94	24	-9	-9	-9	-9	-9
93117.0	SAN DIEGO RIVER B2 (x2)	1029	1/19/94	24	-9	-9	-9	-9	-9
93120.0	TIJUANA R. ESTUARY HH2 (x1)	1032	1/19/94	24	-9	-9	-9	-9	-9
93121.0	TIJUANA R. ESTUARY HH2 (x5)	1034	1/19/94	24	-9	-9	-9	-9	-9
90038.0	STORMDRAIN EA (ROHR CH.) REP 1	1022	1/20/94	24	-9	-9	-9	-9	-9
90036.0	STORMDRAIN EA (ROHR CH.) REP 2	1023	1/20/94	24	-9	-9	-9	-9	-9
90036.0	STORMDRAIN EA (ROHR CH.) REP 3	1024	1/20/94	24	-9	-9	-9	-9	-9
90020.0	G DE LAPPE-REP 1	1104	3/1/94	27	-9	-9	-9	-9	-9
90020.0	G DE LAPPE-REP 2	1105	3/1/94	27	-9	-9	-9	-9	-9
90020.0	G DE LAPPE-REP 3	1106	3/1/94	27	-9	-9	-9	-9	-9
90022.0	P SWARTZ-REP 1	1107	3/1/94	27	-9	-9	-9	-9	-9
90022.0	P SWARTZ-REP 2	1108	3/1/94	27	-9	-9	-9	-9	-9
90022.0	P SWARTZ-REP 3	1109	3/1/94	27	-9	-9	-9	-9	-9
90028.0	NSB-R1-REP 1	1113	3/1/94	27	-9	-9	-9	-9	-9
90028.0	NSB-R1-REP 2	1114	3/1/94	27	-9	-9	-9	-9	-9
90029.0	NSB-R1-REP 3	1115	3/1/94	27	-9	-9	-9	-9	-9
90024.0	SDNI-N1-REP 1	1116	3/1/94	27	-9	-9	-9	-9	-9
90024.0	SDNI-N1-REP 2	1117	3/1/94	27	-9	-9	-9	-9	-9

Percent Normal Shell Development of Mussel Larvae in Porewater Water

STANUM	STATION	IDORG	DATE	LEG	MEP100_MN	MEP100_SD	MEP100_SG	MEP100_NH3	MEP100_H2S
90024.0	SDNI-N1-REP 3	1118	3/1/94	27	-9	-9	-9	-9	-9
93185.0	NAVAL SHIPYARDS O14 (x1)	1125	3/1/94	27	-9	-9	-9	-9	-9
93163.0	FUEL PIERS D2 (x2)	1126	3/1/94	27	-9	-9	-9	-9	-9
93161.0	SUB BASE C1 (x1)	1127	3/1/94	27	-9	-9	-9	-9	-9
93171.0	MARINE TERMINAL R1 (x1)	1128	3/1/94	27	-9	-9	-9	-9	-9
90013.0	37 SWARTZ-REP 1	1098	3/2/94	27	-9	-9	-9	-9	-9
90013.0	37 SWARTZ-REP 2	1099	3/2/94	27	-9	-9	-9	-9	-9
90013.0	37 SWARTZ-REP 3	1100	3/2/94	27	-9	-9	-9	-9	-9
93106.0	MISSION BAY A2 (x1)-REP 1	1101	3/2/94	27	-9	-9	-9	-9	-9
93106.0	MISSION BAY A2 (x1)-REP 2	1102	3/2/94	27	-9	-9	-9	-9	-9
93106.0	MISSION BAY A2 (x1)-REP 3	1103	3/2/94	27	-9	-9	-9	-9	-9
93181.0	NAVAL SHIPYARDS O6 (x1)-REP 1	1110	3/2/94	27	-9	-9	-9	-9	-9
93181.0	NAVAL SHIPYARDS O6 (x1)-REP 2	1111	3/2/94	27	-9	-9	-9	-9	-9
93181.0	NAVAL SHIPYARDS O6 (x1)-REP 3	1112	3/2/94	27	-9	-9	-9	-9	-9
93178.0	NAVAL SHIPYARDS O2 (x1)-REP 1	1119	3/2/94	27	-9	-9	-9	-9	-9
93178.0	NAVAL SHIPYARDS O2 (x1)-REP 2	1120	3/2/94	27	-9	-9	-9	-9	-9
93178.0	NAVAL SHIPYARDS O2 (x1)-REP 3	1121	3/2/94	27	-9	-9	-9	-9	-9
93179.0	NAVAL SHIPYARDS O3 (x1)-REP 1	1122	3/2/94	27	-9	-9	-9	-9	-9
93179.0	NAVAL SHIPYARDS O3 (x1)-REP 2	1123	3/2/94	27	-9	-9	-9	-9	-9
93179.0	NAVAL SHIPYARDS O3 (x1)-REP 3	1124	3/2/94	27	-9	-9	-9	-9	-9
90052.0	32 SWARTZ(SWEETWATER CH)-REP 1	1129	3/15/94	28	-9	-9	-9	-9	-9
90052.0	32 SWARTZ(SWEETWATER CH)-REP 2	1130	3/15/94	28	-9	-9	-9	-9	-9
90052.0	32 SWARTZ(SWEETWATER CH)-REP 3	1131	3/15/94	28	-9	-9	-9	-9	-9
93131.0	CORONADO CAYS T1 (x1)-REP 1	1138	3/15/94	28	-9	-9	-9	-9	-9
93131.0	CORONADO CAYS T1 (x1)-REP 2	1139	3/15/94	28	-9	-9	-9	-9	-9
93131.0	CORONADO CAYS T1 (x1)-REP 3	1140	3/15/94	28	-9	-9	-9	-9	-9
93160.0	CHANNEL-SOUTH BAY AA2(x1)-REP1	1141	3/15/94	28	-9	-9	-9	-9	-9
93160.0	CHANNEL-SOUTH BAY AA2(x1)-REP2	1142	3/15/94	28	-9	-9	-9	-9	-9
93160.0	CHANNEL-SOUTH BAY AA2(x1)-REP3	1143	3/15/94	28	-9	-9	-9	-9	-9
90030.0	BF SCHROEDER SITE F-REP 1	1144	3/15/94	28	-9	-9	-9	-9	-9
90030.0	BF SCHROEDER SITE F-REP 2	1145	3/15/94	28	-9	-9	-9	-9	-9
90030.0	BF SCHROEDER SITE F-REP 3	1146	3/15/94	28	-9	-9	-9	-9	-9
93159.0	SOUTH BAY GG3 (x1)-REP 1	1147	3/15/94	28	-9	-9	-9	-9	-9
93159.0	SOUTH BAY GG3 (x1)-REP 2	1148	3/15/94	28	-9	-9	-9	-9	-9
93159.0	SOUTH BAY GG3 (x1)-REP 3	1149	3/15/94	28	-9	-9	-9	-9	-9
90043.0	CORONADO WHARF-REP 1	1156	3/15/94	28	-9	-9	-9	-9	-9
90043.0	CORONADO WHARF-REP 2	1157	3/15/94	28	-9	-9	-9	-9	-9
90043.0	CORONADO WHARF-REP 3	1158	3/15/94	28	-9	-9	-9	-9	-9
93120.0	TIJUANA R. EST. HH2 (x1)-REP 1	1132	3/16/94	28	-9	-9	-9	-9	-9
93120.0	TIJUANA R. EST. HH2 (x1)-REP 2	1133	3/16/94	28	-9	-9	-9	-9	-9
93120.0	TIJUANA R. EST. HH2 (x1)-REP 3	1134	3/16/94	28	-9	-9	-9	-9	-9
93121.0	TIJUANA R. EST. HH2 (x5)-REP 1	1135	3/16/94	28	-9	-9	-9	-9	-9
93121.0	TIJUANA R. EST. HH2 (x5)-REP 2	1136	3/16/94	28	-9	-9	-9	-9	-9
93121.0	TIJUANA R. EST. HH2 (x5)-REP 3	1137	3/16/94	28	-9	-9	-9	-9	-9

Percent Normal Shell Development of Mussel Larvae in Porewater Water

STANUM	STATION	IDORG	DATE	LEG	MEP100_MN	MEP100_SD	MEP100_SG	MEP100_NH3	MEP100_H2S
93174.0	TIJUANA R. EST. HH3 (X2)-REP 1	1150	3/16/94	28	-9	-9	-9	-9	-9
93174.0	TIJUANA R. EST. HH3 (X2)-REP 2	1151	3/16/94	28	-9	-9	-9	-9	-9
93174.0	TIJUANA R. EST. HH3 (X2)-REP 3	1152	3/16/94	28	-9	-9	-9	-9	-9
93166.0	NAVY ESTUARY G2 (X1)-REP 1	1153	3/16/94	28	-9	-9	-9	-9	-9
93166.0	NAVY ESTUARY G2 (X1)-REP 2	1154	3/16/94	28	-9	-9	-9	-9	-9
93166.0	NAVY ESTUARY G2 (X1)-REP 3	1155	3/16/94	28	-9	-9	-9	-9	-9
90037.0	STORMDRAIN EM(GRAPE ST.)-REP 1	1159	3/29/94	29	-9	-9	-9	-9	-9
90037.0	STORMDRAIN EM(GRAPE ST.)-REP 2	1160	3/29/94	29	-9	-9	-9	-9	-9
90037.0	STORMDRAIN EM(GRAPE ST.)-REP 3	1161	3/29/94	29	-9	-9	-9	-9	-9
93148.0	CHANNEL-CORONADO Y1 (X2)-REP 1	1162	3/29/94	29	-9	-9	-9	-9	-9
93148.0	CHANNEL-CORONADO Y1 (X2)-REP 2	1163	3/29/94	29	-9	-9	-9	-9	-9
93148.0	CHANNEL-CORONADO Y1 (X2)-REP 3	1164	3/29/94	29	-9	-9	-9	-9	-9
93138.0	SHELTER ISLAND E3 (X2)-REP 1	1165	3/29/94	29	-9	-9	-9	-9	-9
93138.0	SHELTER ISLAND E3 (X2)-REP 2	1166	3/29/94	29	-9	-9	-9	-9	-9
93138.0	SHELTER ISLAND E3 (X2)-REP 3	1167	3/29/94	29	-9	-9	-9	-9	-9
93141.0	COMMERCIAL BASIN F3 (X1)-REP 1	1168	3/29/94	29	-9	-9	-9	-9	-9
93141.0	COMMERCIAL BASIN F3 (X1)-REP 2	1169	3/29/94	29	-9	-9	-9	-9	-9
93141.0	COMMERCIAL BASIN F3 (X1)-REP 3	1170	3/29/94	29	-9	-9	-9	-9	-9
90018.0	D DE LAPPE-REP 1	1183	3/29/94	29	-9	-9	-9	-9	-9
90018.0	D DE LAPPE-REP 2	1184	3/29/94	29	-9	-9	-9	-9	-9
90018.0	D DE LAPPE-REP 3	1185	3/29/94	29	-9	-9	-9	-9	-9
90104.0	WEST BASIN ENTRANCE(71C)-REP 1	1186	3/29/94	29	-9	-9	-9	-9	-9
90104.0	WEST BASIN ENTRANCE(71C)-REP 2	1187	3/29/94	29	-9	-9	-9	-9	-9
90104.0	WEST BASIN ENTRANCE(71C)-REP 3	1188	3/29/94	29	-9	-9	-9	-9	-9
93107.0	MISSION BAY A3 (X1)-REP 1	1180	3/30/94	29	-9	-9	-9	-9	-9
93107.0	MISSION BAY A3 (X1)-REP 2	1181	3/30/94	29	-9	-9	-9	-9	-9
93107.0	MISSION BAY A3 (X1)-REP 3	1182	3/30/94	29	-9	-9	-9	-9	-9
93163.0	FUEL PIERS D2 (X2)-REP 1	1303	5/18/94	32	-9	-9	-9	-9	-9
93163.0	FUEL PIERS D2 (X2)-REP 2	1304	5/18/94	32	-9	-9	-9	-9	-9
93163.0	FUEL PIERS D2 (X2)-REP 3	1305	5/18/94	32	-9	-9	-9	-9	-9
93171.0	MARINE TERMINAL R1 (X1)-REP 1	1306	5/18/94	32	-9	-9	-9	-9	-9
93171.0	MARINE TERMINAL R1 (X1)-REP 2	1307	5/18/94	32	-9	-9	-9	-9	-9
93171.0	MARINE TERMINAL R1 (X1)-REP 3	1308	5/18/94	32	-9	-9	-9	-9	-9
93185.0	NAVAL SHIPYARDS O14 (X1)-REP 1	1309	5/18/94	32	-9	-9	-9	-9	-9
93185.0	NAVAL SHIPYARDS O14 (X1)-REP 2	1310	5/18/94	32	-9	-9	-9	-9	-9
93185.0	NAVAL SHIPYARDS O14 (X1)-REP 3	1311	5/18/94	32	-9	-9	-9	-9	-9
93161.0	SUB BASE C1 (X1)-REP 1	1312	5/18/94	32	-9	-9	-9	-9	-9
93161.0	SUB BASE C1 (X1)-REP 2	1313	5/18/94	32	-9	-9	-9	-9	-9
93161.0	SUB BASE C1 (X1)-REP 3	1314	5/18/94	32	-9	-9	-9	-9	-9
90013.0	37 SWARTZ	1318	5/18/94	32	-9	-9	-9	-9	-9
93108.0	MISSION BAY A2 (X1)	1319	5/18/94	32	-9	-9	-9	-9	-9
90052.0	32 SWARTZ	1320	5/18/94	32	-9	-9	-9	-9	-9

Appendix E

P450 RGS Response

P450 RGS Response (ug/g)

STANUM	STATION	IDORG	DATE	LEG	BAPEQ	TTL_PAH
93131	CORONADO CAYS T1 (x1)	734	4/6/93	16	5.3	31704.30
93122	SOUTH SHORE- CORONADO DD3 (x1)	725	4/7/93	16	21.3	24663.44
93138	SHELTER ISLAND E3(x2)	741	4/6/93	16	23.5	11073.93
93141	COMMERCIAL BASIN F3 (x1)	744	4/7/93	16	47.9	49754.54
93147	GLORIETTA BAY U3 (x1)	757	4/20/93	17	25.3	16984.57
93164	SHELTER ISLAND E1 (x1)	777	5/4/93	18	9.2	36186.44
93166	NAVY ESTUARY G2 (x1)	779	5/4/93	18	23.5	66122.87
93188	CARRIER BASE V1 (x2)	806	5/26/93	19	37.0	26437.08
93184	NAVAL SHIPYARDS O11 (x1)	802	5/26/93	19	44.9	12060.20
93181	NAVAL SHIPYARDS O6 (x1)	799	5/26/93	19	64.3	6023.47
93179	NAVAL SHIPYARDS O3 (x1)	797	5/26/93	19	74.2	3184.60
93178	NAVAL SHIPYARDS O2 (x1)	796	5/26/93	19	100.0	721.85
93177	NAVAL SHIPYARDS O1 (x1)	795	5/26/93	19	103.0	495.57
93195	GLORIETTA BAY U1 (x2)	823	6/16/93	20	18.7	36524.24
93204	CORONADO CAYS T2 (x2)	845	7/20/93	21	8.3	14226.28
93203	CORONADO CAYS T2 (x1)	844	7/20/93	21	9.6	19548.62
93112	MISSION BAY A8 (x1)-REP 2	857	7/21/93	21	10.0	33371.20
93206	DOWNTOWN PIERS K1 (x11)	848	7/20/93	21	90.4	427.70
93219	SWEETWATER CH. JJ1 (x1)-REP 2	876	8/18/93	22	10.4	48411.17
90022	P SWARTZ (NAVAL BASE O12)	868	8/4/93	22	67.1	3007.19
93210	NAVAL BASE/SHIPYARDS O4 (x1)	863	8/4/93	22	74.6	1069.08
93213	NAVAL BASE/SHIPYARDS O7 (x4)	867	8/4/93	22	75.8	1373.57
93211	NAVAL BASE/SHIPYARDS O4 (x2)	864	8/4/93	22	97.5	155.97
93217	SUB BASE C2 (x3)	873	8/4/93	22	112.0	252.71
93232	CARRIER BASE V2 (x7)	1001	8/18/93	23	56.6	12596.40
93230	MARINE TERMINAL R3 (x3)	898	8/17/93	23	71.2	32112.70
93229	MARINE TERMINAL R3 (x1)	897	8/17/93	23	78.7	509.90
93223	NAVAL BASE/SHIPYARD O10 (x2)	888	8/17/93	23	82.9	2597.84
93225	NAVAL BASE/SHIPYARD O13 (x1)	891	8/17/93	23	88.3	1202.46
93228	SEVENTH ST CHANNEL Q1 (x6)	895	8/17/93	23	110.8	477.13

Appendix F

Cumulative Distribution Frequencies Analysis

Description of calculations for cumulative frequency distributions of percent area toxic.

The following identifies and describes each of the spreadsheet columns used to generate cumulative frequency functions for estimates of percent area toxic.

Idorg : lists all samples tested for each toxicity test protocol/pore water dilution.

Block#: lists assigned letter/number code for each area (block) based on EMAP block designations. See Figure 2.

samples/block: lists total number of samples collected in given block.

toxic: "1" indicates sample toxicity based on EMAP definition (both significant difference from laboratory control and toxicity value <80% of control value). Blank cell indicates no significant toxicity.

mn as % of control : lists sample toxicity means normalized to percentage of the control value.

Area/block : Area in km² for block associated with each sample

Area/sample : Area in km² represented by each sample, calculated as: Block area/number of samples collected in given block.

Area/sample as % of total : Area represented by each sample as a percent of the total area sampled.

Cum area/sample as % of total : Cumulative area per sample as a percent of the total area sampled.

% total area toxic/sample : Area represented by each toxic sample as a percent of the total area.

SUMS : Numbers in this row show column totals. Sum of Area/sample gives total area sampled for a given toxicity test protocol. Sum of % of total area toxic/sample gives the total area defined as toxic for given test protocol /pore water dilution.

CDF calculations of percent area toxic for *Rhepoxynius* data

Station	Idorg	Leg	Block#	# samps /block	toxic	ra-mn as % of cntrl	Area/block (km2)	Area/sample (km2)	Area/sample as % of total	Cum area/sample as % of total	% total area toxic (by sample)
93105.0	700	15	A1	1		82.1	0.33	0.33	0.70	0.70	0.00
93114.0	709	15	A10	1		97.9	0.16	0.16	0.34	1.04	0.00
93115.0	710	15	A11	1		97.9	0.15	0.15	0.32	1.36	0.00
93106.0	701	15	A2	1		86.3	0.58	0.58	1.24	2.60	0.00
93107.0	702	15	A3	1		94.7	0.46	0.46	0.98	3.58	0.00
93108.0	703	15	A4	1		94.7	0.99	0.99	2.11	5.69	0.00
93109.0	704	15	A5	1		96.8	0.74	0.74	1.58	7.26	0.00
93110.0	705	15	A6	1		102.1	1.11	1.11	2.36	9.63	0.00
93111.0	706	15	A7	1		89.5	0.81	0.81	1.73	11.35	0.00
93112.0	707	15	A8	1		100.0	0.18	0.18	0.38	11.74	0.00
93113.0	708	15	A9	1		103.2	0.61	0.61	1.30	13.04	0.00
93116.0	711	15	B1	1		92.6	0.26	0.26	0.55	13.59	0.00
93117.0	712	15	B2	1		94.7	0.24	0.24	0.51	14.10	0.00
93118.0	713	15	HH1	2	1	31.6	0.09	0.05	0.10	14.20	0.10
93119.0	714	15	HH1	2	1	23.2	0.09	0.05	0.10	14.29	0.10
93120.0	715	15	HH2	2		89.5	0.13	0.07	0.14	14.43	0.00
93121.0	716	15	HH2	2		89.5	0.13	0.07	0.14	14.57	0.00
93134.0	737	16	BB2	1		97.9	0.54	0.54	1.15	15.72	0.00
93135.0	738	16	BB3	1		86.2	0.51	0.51	1.09	16.81	0.00
93136.0	739	16	CC2	1	1	74.5	0.75	0.75	1.60	18.40	1.60
93137.0	740	16	CC3	1	1	79.8	1.64	1.64	3.49	21.90	3.49
93142.0	752	16	DD1	1	1	56.4	0.35	0.35	0.75	22.64	0.75
93122.0	725	16	DD3	1	1	24.5	0.43	0.43	0.92	23.56	0.92
93138.0	741	16	E3	1	1	30.9	0.28	0.28	0.60	24.15	0.60
93139.0	742	16	F1	1	1	85.1	0.11	0.11	0.23	24.39	0.00
93140.0	743	16	F2	1	1	57.4	0.15	0.15	0.32	24.71	0.32
93141.0	744	16	F3	1	1	53.2	0.13	0.13	0.28	24.98	0.28
93123.0	726	16	FF1	1	1	73.4	0.36	0.36	0.77	25.75	0.77
93124.0	727	16	FF2	1	1	84.0	0.35	0.35	0.75	26.50	0.00
93125.0	728	16	FF4	1	1	55.3	0.48	0.48	1.02	27.52	1.02
93126.0	729	16	FF7	1	1	79.8	3.70	3.70	7.88	35.40	7.88
93127.0	730	16	GG2	1	1	78.7	1.70	1.70	3.62	39.02	3.62
93129.0	732	16	GG4	1	1	74.5	1.56	1.56	3.32	42.34	3.32

CDF calculations of percent area toxic for *Rhepoxynius* data

Station	Idorg	Leg	Block#	# samps /blck	toxic	ra-mn as % of cntnl	Area/blck (km2)	Area/sample (km2)	Area/sample as % of total	Cum area/sample	% total area toxic
93128.0	750	16	GG5	1	1	62.8	0.54	0.54	1.15	43.49	1.15
93131.0	734	16	T1	1	1	52.1	0.12	0.12	0.26	43.75	0.26
93132.0	735	16	T3	1	1	70.2	0.11	0.11	0.23	43.98	0.23
93148.0	751	16	Y1	1	1	50.0	1.94	1.94	4.13	48.12	4.13
93133.0	736	16	Z1	2	1	86.2	2.34	1.17	2.49	50.61	0.00
93151.0	760	17	AA1	1	1	62.9	0.70	0.70	1.49	52.10	1.49
93152.0	761	17	BB1	1	1	93.8	0.51	0.51	1.09	53.18	0.00
93153.0	762	17	CC1	1	1	54.6	1.00	1.00	2.13	55.31	2.13
93154.0	763	17	CC4	1	1	32.0	1.66	1.66	3.54	58.85	3.54
93143.0	753	17	D1	1	1	66.0	0.02	0.02	0.04	58.89	0.04
93155.0	764	17	DD2	1	1	75.3	0.24	0.24	0.51	59.40	0.51
93156.0	765	17	EE1	1	1	83.5	0.42	0.42	0.89	60.30	0.00
93157.0	766	17	EE2	1	1	57.7	0.31	0.31	0.66	60.96	0.66
93158.0	767	17	GG1	1	1	50.5	1.82	1.82	3.88	64.83	3.88
93159.0	768	17	GG3	1	1	21.6	0.10	0.10	0.21	65.05	0.21
93144.0	754	17	N1	1	1	69.1	0.05	0.05	0.11	65.15	0.11
93145.0	755	17	N2	1	1	69.1	0.04	0.04	0.09	65.24	0.09
93146.0	756	17	U2	1	1	77.3	0.06	0.06	0.13	65.37	0.13
93147.0	757	17	U3	1	1	54.6	0.09	0.09	0.19	65.56	0.19
93149.0	758	17	X1	1	1	92.8	1.27	1.27	2.71	68.26	0.00
93150.0	759	17	Z1	2	1	81.4	2.34	1.17	2.49	70.76	0.00
93161.0	774	18	C1	1	1	94.7	0.03	0.03	0.06	70.82	0.00
93162.0	775	18	C3	1	1	56.4	0.04	0.04	0.09	70.91	0.09
93163.0	776	18	D2	1	1	91.5	0.05	0.05	0.11	71.01	0.00
93164.0	777	18	E1	1	1	55.3	0.46	0.46	0.98	71.99	0.98
93172.0	785	18	FF3	1	1	78.7	0.46	0.46	0.98	72.97	0.98
93173.0	786	18	FF6	1	1	83.0	2.99	2.99	6.37	79.34	0.00
93165.0	778	18	G1	1	1	70.2	0.07	0.07	0.15	79.49	0.15
93166.0	779	18	G2	1	1	21.3	0.05	0.05	0.11	79.60	0.11
93167.0	780	18	G3	1	1	75.5	0.10	0.10	0.21	79.81	0.21
93168.0	781	18	H2	1	1	57.4	0.28	0.28	0.60	80.40	0.60
93175.0	788	18	HH3	2	1	10.6	0.08	0.04	0.09	80.49	0.09
93174.0	787	18	HH3	2	1	6.4	0.08	0.04	0.09	80.58	0.09
93169.0	782	18	I2	1	1	60.6	0.10	0.10	0.21	80.79	0.21
93170.0	783	18	P1	1	1	87.2	0.03	0.03	0.06	80.85	0.00

CDF calculations of percent area toxic for *Rhepoxynius* data

Station	Idorg	Leg	Block#	# samps /block	toxic	ra-mn as % of cntrl	Area/block (km2)	Area/sample (km2)	Area/sample as % of total	Cum area/sample	% total area toxic
93171.0	784	18	R1	1	1	70.2	0.22	0.22	0.47	81.32	0.47
93186.0	804	19	D4	1	1	74.7	0.02	0.02	0.04	81.36	0.04
93177.0	795	19	O1	1	1	52.6	0.05	0.05	0.11	81.47	0.11
93184.0	802	19	O11	1	1	55.8	0.09	0.09	0.19	81.66	0.19
93185.0	803	19	O14	1	1	88.4	0.29	0.29	0.62	82.28	0.62
93178.0	796	19	O2	1	1	21.1	0.04	0.04	0.09	82.36	0.09
93179.0	797	19	O3	1	1	21.1	0.05	0.05	0.11	82.47	0.11
93181.0	799	19	O6	1	1	47.4	0.09	0.09	0.19	82.66	0.19
93182.0	800	19	O8	1	1	70.5	0.06	0.06	0.13	82.79	0.13
93183.0	801	19	O9	1	1	60.0	0.18	0.18	0.38	83.17	0.38
93187.0	805	19	R2	1	1	57.9	0.27	0.27	0.58	83.75	0.58
93188.0	806	19	V1	1	1	38.9	0.06	0.06	0.13	83.88	0.13
93190.0	816	20	II1	2	2	91.6	0.08	0.04	0.09	83.96	0.09
93191.0	817	20	II1	2	2	84.2	0.08	0.04	0.09	84.05	0.09
93193.0	820	20	M1	2	2	93.7	0.10	0.05	0.11	84.15	0.11
93192.0	819	20	M1	2	2	88.4	0.10	0.05	0.11	84.26	0.11
93197.0	826	20	S1	2	2	83.2	0.18	0.09	0.19	84.45	0.19
93196.0	825	20	S1	2	2	80.0	0.18	0.09	0.19	84.64	0.19
93194.0	822	20	U1	2	2	93.7	0.06	0.03	0.06	84.71	0.06
93195.0	823	20	U1	2	2	85.3	0.06	0.03	0.06	84.77	0.06
93199.0	838	21	H1	2	2	83.7	0.20	0.10	0.21	84.98	0.21
93200.0	839	21	H1	2	1	54.3	0.20	0.10	0.21	85.20	0.21
93201.0	841	21	I1	2	2	94.6	0.11	0.06	0.12	85.31	0.12
93202.0	842	21	I1	2	2	90.2	0.11	0.06	0.12	85.43	0.12
93206.0	848	21	K1	2	2	103.3	0.06	0.03	0.06	85.50	0.06
93205.0	847	21	K1	2	2	91.3	0.06	0.03	0.06	85.56	0.06
93207.0	850	21	L1	2	2	96.7	0.05	0.03	0.05	85.61	0.05
93208.0	851	21	L1	2	2	90.2	0.05	0.03	0.05	85.67	0.05
93204.0	845	21	T2	2	2	89.1	0.14	0.07	0.15	85.81	0.15
93203.0	844	21	T2	2	1	73.9	0.14	0.07	0.15	85.96	0.15
93216.0	872	22	C2	2	2	96.9	0.02	0.01	0.02	85.99	0.02
93217.0	873	22	C2	2	2	84.4	0.02	0.01	0.02	86.01	0.02
93221.0	879	22	J1	2	2	89.6	0.07	0.04	0.07	86.08	0.07
93222.0	880	22	J1	2	2	91.7	0.07	0.04	0.07	86.16	0.07
93219.0	876	22	JU1	2	1	33.3	6.00	3.00	6.39	92.55	6.39

CDF calculations of percent area toxic for *Rhepoxynius* data

Station	Idorg	Leg	Block#	# samps /block	toxic	ra-mn as % of cntnl	Area/block (km2)	Area/sample (km2)	Area/sample as % of total	Cum area/sample	% total area toxic
93222.0	877	22	JJ1	2		87.5	6.00	3.00	6.39	98.94	0.00
93214.0	869	22	O12	2		96.9	0.05	0.03	0.05	98.99	0.00
93215.0	870	22	O12	2		91.7	0.05	0.03	0.05	99.04	0.00
93211.0	864	22	O4	2		89.6	0.03	0.02	0.03	99.07	0.00
93210.0	863	22	O4	2	1	38.5	0.03	0.02	0.03	99.11	0.03
93180.0	798	22	O5	1		84.4	0.06	0.06	0.13	99.23	0.00
93213.0	867	22	O7	2		97.9	0.06	0.03	0.06	99.30	0.00
93212.0	866	22	O7	2		94.8	0.06	0.03	0.06	99.36	0.00
93224.0	889	23	O10	2		98.9	0.09	0.05	0.10	99.46	0.00
93223.0	888	23	O10	2		86.8	0.09	0.05	0.10	99.55	0.00
93226.0	892	23	O13	2		100.0	0.09	0.05	0.10	99.65	0.00
93225.0	891	23	O13	2		89.0	0.09	0.05	0.10	99.74	0.00
93227.0	894	23	O1	2		86.8	0.04	0.02	0.04	99.79	0.00
93228.0	895	23	O1	2	1	2.2	0.04	0.02	0.04	99.83	0.04
93229.0	897	23	R3	2	1	76.9	0.05	0.03	0.05	99.88	0.05
93230.0	898	23	R3	2	1	69.2	0.05	0.03	0.05	99.94	0.05
93231.0	1000	23	V2	2		81.3	0.03	0.02	0.03	99.97	0.00
93232.0	1001	23	V2	2	1	38.5	0.03	0.02	0.03	100.00	0.03
			SUMS					46.95			56.36

CDF calculations of percent area toxic for uranium development data in 100% pore water

Statum	Station	Idorg	Leg	Block#	# samps /block	toxic	spd100-mn as % of control	Area/block (km2)	Area/sample as % of total	Cum area/sample as % of total	% total area toxic (by sample)
93105.0	MISSION BAY A1 (x1)	700	15	A1	1		114.4	0.33	0.33	0.81	0.00
93106.0	MISSION BAY A2 (x1)	701	15	A2	1		101.9	0.58	0.58	2.23	0.00
93107.0	MISSION BAY A3 (x1)	702	15	A3	1		103.8	0.46	0.46	3.35	0.00
93108.0	MISSION BAY A4 (x1)	703	15	A4	1		54.9	0.99	0.99	5.77	0.00
93109.0	MISSION BAY A5 (x1)	704	15	A5	1	1	0.0	0.74	0.74	7.58	1.81
93110.0	MISSION BAY A6 (x1)	705	15	A6	1	1	0.0	1.11	1.11	10.30	2.72
93111.0	MISSION BAY A7 (x3)	706	15	A7	1	1	0.0	0.81	0.81	12.28	1.98
93112.0	MISSION BAY A8 (x1)	707	15	A8	1	1	0.0	0.18	0.18	12.72	0.44
93113.0	MISSION BAY A9 (x1)	708	15	A9	1	1	0.0	0.61	0.61	14.21	1.49
93114.0	MISSION BAY A10 (x1)	709	15	A10	1	1	0.0	0.16	0.16	14.60	0.39
93115.0	MISSION BAY A11 (x1)	710	15	A11	1	1	0.0	0.15	0.15	14.97	0.37
93116.0	SAN DIEGO RIVER B1 (x4)	711	15	B1	1	1	1.6	0.26	0.26	15.61	0.64
93117.0	SAN DIEGO RIVER B2 (x2)	712	15	B2	1	1	119.5	0.24	0.24	16.19	0.00
93118.0	TIJUANA R. ESTUARY HH1 (x2)	713	15	HH1	2	1	1.6	0.09	0.05	16.30	0.11
93119.0	TIJUANA R. ESTUARY HH1 (x1)	714	15	HH1	2	1	0.0	0.09	0.05	16.41	0.11
93120.0	TIJUANA R. ESTUARY HH2 (x1)	715	15	HH2	2	1	80.3	0.13	0.07	16.57	0.00
93121.0	TIJUANA R. ESTUARY HH2 (x5)	716	15	HH2	2	1	119.4	0.13	0.07	16.73	0.00
93122.0	SOUTH SHORE-CORONADO DD3 (x1)	725	16	DD3	1	1	1.0	0.43	0.43	17.78	1.05
93123.0	SILVER STRAND FF1 (x1)	726	16	FF1	1	1	0.0	0.36	0.36	18.66	0.88
93124.0	SILVER STRAND FF2 (x1)	727	16	FF2	1	1	0.0	0.35	0.35	19.52	0.86
93125.0	SILVER STRAND FF4 (x4)	728	16	FF4	1	1	0.0	0.48	0.48	20.69	1.17
93126.0	SILVER STRAND FF7 (x2)	729	16	FF7	1	1	0.0	3.70	3.70	29.75	9.05
93127.0	SOUTH BAY GG2 (x1)	730	16	GG2	1	1	10.9	1.70	1.70	33.90	4.16
93129.0	SOUTH BAY GG4 (x1)	732	16	GG4	1	1	35.4	1.56	1.56	37.72	0.00
93131.0	CORONADO CAYS T1 (x1)	734	16	T1	1	1	6.6	0.12	0.12	38.01	0.29
93132.0	CORONADO CAYS T3 (x1)	735	16	T3	1	1	83.8	0.11	0.11	38.28	0.00
93133.0	CHANNEL-NAVAL BASE Z1 (x1)	736	16	Z1	2	1	0.3	2.34	1.17	41.14	2.86
93134.0	SOUTH SHORE-MOUTH BB2 (x1)	737	16	BB2	1	1	66.5	0.54	0.54	42.47	0.00
93135.0	SOUTH SHORE-MOUTH BB3 (x1)	738	16	BB3	1	1	30.9	0.51	0.51	43.71	0.00
93136.0	NORTH SHORE-MOUTH CC2 (x1)	739	16	CC2	1	1	32.0	0.75	0.75	45.55	0.00
93137.0	NORTH SHORE-MOUTH CC3 (x1)	740	16	CC3	1	1	36.9	1.64	1.64	49.56	0.00
93138.0	SHELTER ISLAND E3 (x2)	741	16	E3	1	1	0.0	0.28	0.28	50.24	0.68
93139.0	COMMERCIAL BASIN F1 (x1)	742	16	F1	1	1	0.0	0.11	0.11	50.51	0.27

CDF calculations of percent area toxic for urchin development data in 100% pore water

Station	Idorg	Leg	Block#	# samps /bick	toxic	spd100-fm as % of control	Area/bick (km ²)	Area/sample	Area/sample as % of total	Cum area/sample as % of total	% total area toxic (by sample)
93140.0	743	16	F2	1	1	0.0	0.15	0.15	0.37	50.88	0.37
93141.0	744	16	F3	1	1	32.1	0.13	0.13	0.32	51.20	0.00
93128.0	750	16	GG5	1	1	105.3	0.54	0.54	1.32	52.52	0.00
93148.0	751	16	Y1	1	1	0.0	1.94	1.94	4.75	57.27	4.75
93142.0	752	16	DD1	1	1	0.0	0.35	0.35	0.86	58.12	0.86
93143.0	753	17	D1	1	1	3.0	0.02	0.02	0.05	58.17	0.05
93144.0	754	17	N1	1	1	0.0	0.05	0.05	0.12	58.29	0.12
93145.0	755	17	N2	1	1	0.0	0.04	0.04	0.10	58.39	0.10
93146.0	756	17	U2	1	1	0.0	0.06	0.06	0.15	58.54	0.15
93147.0	757	17	U3	1	1	1.7	0.09	0.09	0.22	58.76	0.22
93149.0	758	17	X1	1	1	0.0	1.27	1.27	3.11	61.86	3.11
93150.0	759	17	Z1	2	1	43.3	2.34	1.17	2.86	64.73	2.86
93151.0	760	17	AA1	1	1	0.0	0.70	0.70	1.71	66.44	1.71
93152.0	761	17	BB1	1	1	0.0	0.51	0.51	1.25	67.69	1.25
93153.0	762	17	CC1	1	1	0.8	1.00	1.00	2.45	70.13	2.45
93154.0	763	17	CC4	1	1	0.0	1.66	1.66	4.06	74.19	4.06
93155.0	764	17	DD2	1	1	0.0	0.24	0.24	0.59	74.78	0.59
93156.0	765	17	EE1	1	1	0.0	0.42	0.42	1.03	75.81	1.03
93157.0	766	17	EE2	1	1	0.0	0.31	0.31	0.76	76.57	0.76
93158.0	767	17	GG1	1	1	0.0	1.82	1.82	4.45	81.02	4.45
93159.0	768	17	GG3	1	1	0.0	0.10	0.10	0.24	81.26	0.24
93161.0	774	18	C1	1	1	0.0	0.03	0.03	0.07	81.34	0.07
93162.0	775	18	C3	1	1	0.0	0.04	0.04	0.10	81.43	0.10
93163.0	776	18	D2	1	1	0.0	0.05	0.05	0.12	81.56	0.12
93164.0	777	18	E1	1	1	74.8	0.46	0.46	1.13	82.68	0.00
93165.0	778	18	G1	1	1	37.6	0.07	0.07	0.17	82.85	0.17
93166.0	779	18	G2	1	1	0.0	0.05	0.05	0.12	82.97	0.12
93167.0	780	18	G3	1	1	6.6	0.10	0.10	0.24	83.22	0.24
93168.0	781	18	H2	1	1	96.4	0.28	0.28	0.68	83.90	0.00
93169.0	782	18	I2	1	1	0.0	0.10	0.10	0.24	84.15	0.24
93170.0	783	18	P1	1	1	104.8	0.03	0.03	0.07	84.22	0.00
93171.0	784	18	R1	1	1	103.8	0.22	0.22	0.54	84.76	0.00
93172.0	785	18	FF3	1	1	103.3	0.46	0.46	1.13	85.89	0.00
93173.0	786	18	FF6	1	1	22.0	2.99	2.99	7.31	93.20	7.31

CDF calculations of percent area toxic for urban development data in 100% pore water

Stationum	Station	Idorg	Leg	Block#	# samps /b/ck	toxic	spd100-mn as % of control	Area/b/ck (km2)	Area/sample as % of total	Cum area/sample as % of total	% total area toxic (by sample)
93174.0	TIJUANA R. ESTUARY HH3 (x2)	787	18	HH3	2	1	0.0	0.08	0.04	93.30	0.10
93175.0	TIJUANA R. ESTUARY HH3 (x3)	788	18	HH3	2	1	1.8	0.08	0.04	93.40	0.10
93177.0	NAVAL SHIPYARDS O1 (x1)	795	19	O1	1	1	105.6	0.05	0.05	93.52	0.00
93178.0	NAVAL SHIPYARDS O2 (x1)	796	19	O2	1	1	0.0	0.04	0.04	93.62	0.10
93179.0	NAVAL SHIPYARDS O3 (x1)	797	19	O3	1	1	0.0	0.05	0.05	93.74	0.12
93180.0	NAVAL BASE/SHIPYARDS O5 (x1)	798	22	O5	1	1	0.0	0.06	0.06	93.88	0.15
93181.0	NAVAL SHIPYARDS O6 (x1)	799	19	O6	1	1	0.0	0.09	0.09	94.10	0.22
93182.0	NAVAL SHIPYARDS O8 (x4)	800	19	O8	1	1	0.0	0.06	0.06	94.25	0.15
93183.0	NAVAL SHIPYARDS O9 (x1)	801	19	O9	1	1	100.3	0.18	0.18	94.69	0.00
93184.0	NAVAL SHIPYARDS O11 (x1)	802	19	O11	1	1	58.6	0.09	0.09	94.91	0.22
93185.0	NAVAL SHIPYARDS O14 (x1)	803	19	O14	1	1	0.0	0.29	0.29	95.62	0.71
93186.0	FUEL PIER D4 (x1)	804	19	D4	1	1	0.0	0.02	0.02	95.67	0.05
93187.0	MARINE TERMINAL R2 (x1)	805	19	R2	1	1	0.0	0.27	0.27	96.33	0.66
93188.0	CARRIER BASE V1 (x2)	806	19	V1	1	1	0.0	0.06	0.06	96.48	0.15
93190.0	MARINA I1 (x1)	816	20	I1	2	1	0.0	0.08	0.04	96.58	0.10
93191.0	MARINA I1 (x3)	817	20	I1	2	1	0.0	0.08	0.04	96.67	0.10
93192.0	INTERCONT. MARINA M1 (x2)	819	20	M1	2	1	0.0	0.10	0.05	96.80	0.12
93193.0	INTERCONT. MARINA M1 (x1)	820	20	M1	2	1	0.0	0.10	0.05	96.92	0.12
93194.0	GLORIETTA BAY U1 (x1)	822	20	U1	2	1	0.0	0.06	0.03	96.99	0.07
93195.0	GLORIETTA BAY U1 (x2)	823	20	U1	2	1	0.0	0.06	0.03	97.06	0.07
93196.0	CHULA V. YACHT BASIN S1 (x1)	825	20	S1	2	1	83.1	0.18	0.09	97.28	0.00
93197.0	CHULA V. YACHT BASIN S1 (x3)	826	20	S1	2	1	0.0	0.18	0.09	97.50	0.22
93199.0	WEST BASIN H1 (x1)	838	21	H1	2	1	59.0	0.20	0.10	97.75	0.00
93200.0	WEST BASIN H1 (x4)	839	21	H1	2	1	52.3	0.20	0.10	97.99	0.00
93201.0	EAST BASIN I1 (x1)	841	21	I1	2	1	0.0	0.11	0.06	98.13	0.13
93202.0	EAST BASIN I1 (x5)	842	21	I1	2	1	0.0	0.11	0.06	98.26	0.13
93203.0	CORONADO CAYS T2 (x1)	844	21	T2	2	1	0.0	0.14	0.07	98.43	0.17
93204.0	CORONADO CAYS T2 (x2)	845	21	T2	2	1	0.0	0.14	0.07	98.61	0.17
93205.0	DOWNTOWN PIERS K1 (x9)	847	21	K1	2	1	0.0	0.06	0.03	98.68	0.07
93206.0	DOWNTOWN PIERS K1 (x11)	848	21	K1	2	1	0.0	0.06	0.03	98.75	0.07
93207.0	G ST. PIER MARINA L1 (x4)	850	21	L1	2	1	0.0	0.05	0.03	98.81	0.06
93208.0	G ST. PIER MARINA L1 (x5)	851	21	L1	2	1	0.0	0.05	0.03	98.87	0.06
93210.0	NAVAL BASE/SHIPYARDS O4 (x1)	863	22	O4	2	1	0.0	0.03	0.02	98.91	0.04
93211.0	NAVAL BASE/SHIPYARDS O4 (x2)	864	22	O4	2	1	0.0	0.03	0.02	98.95	0.04

CDF calculations of percent area toxic for urchin development data in 100% pore water

Statum	Station	Idorg	Leg	Block#	# samps /block	toxic	spd100-mn as % of control	Area/block (km2)	Area/sample	Area/sample as % of total	Cum area/sample as % of total	% total area toxic (by sample)
93212.0	NAVAL BASE/SHIPYARDS O7 (x1)	866	22	O7	2	1	0.0	0.06	0.03	0.07	99.02	0.07
93213.0	NAVAL BASE/SHIPYARDS O7 (x4)	867	22	O7	2	1	2.9	0.06	0.03	0.07	99.09	0.07
93214.0	NAVAL BASE/SHIPYARDS O12 (x3)	869	22	O12	2	1	0.0	0.05	0.03	0.06	99.16	0.06
93215.0	NAVAL BASE/SHIPYARDS O12 (x4)	870	22	O12	2	1	45.3	0.05	0.03	0.06	99.22	0.00
93216.0	SUB BASE C2 (x1)	872	22	C2	2	1	0.0	0.02	0.01	0.02	99.24	0.02
93217.0	SUB BASE C2 (x3)	873	22	C2	2	1	0.0	0.02	0.01	0.02	99.27	0.02
93223.0	NAVAL BASE/SHIPYARD O10 (x2)	888	23	O10	2		105.9	0.09	0.05	0.11	99.38	0.00
93224.0	NAVAL BASE/SHIPYARD O10(x6)	889	23	O10	2		89.7	0.09	0.05	0.11	99.49	0.00
93225.0	NAVAL BASE/SHIPYARD O13 (x1)	891	23	O13	2		103.4	0.09	0.05	0.11	99.60	0.00
93226.0	NAVAL BASE/SHIPYARD O13 (x3)	892	23	O13	2		65.0	0.09	0.05	0.11	99.71	0.00
93227.0	SEVENTH ST CHANNEL Q1 (x5)	894	23	Q1	2	1	14.8	0.04	0.02	0.05	99.76	0.05
93228.0	SEVENTH ST CHANNEL Q1 (x6)	895	23	Q1	2		103.3	0.04	0.02	0.05	99.80	0.00
93229.0	MARINE TERMINAL R3 (x1)	897	23	R3	2	1	44.2	0.05	0.03	0.06	99.87	0.06
93230.0	MARINE TERMINAL R3 (x3)	898	23	R3	2	1	0.0	0.05	0.03	0.06	99.93	0.06
93231.0	CARRIER BASE V2 (x6)	1000	23	V2	2	1	0.0	0.03	0.02	0.04	99.96	0.04
93232.0	CARRIER BASE V2 (x7)	1001	23	V2	2	1	3.4	0.03	0.02	0.04	100.00	0.04
	SUMS								40.88			73.81

CDF calculations of percent area toxic for urchin development data in 50% pore water

Station	Station	ldorg	Leg	Block#	# samps per block	toxic	sp50-mm as % of control	Area/bick (km2)	Area/sample	Area/sample as % of total	Cum area/sample as % of sample	% total area toxic (by sample)
93105.0	MISSION BAY A1 (x1)	700	15	A1	1	1	102.9	0.33	0.33	0.81	0.81	0.00
93114.0	MISSION BAY A10 (x1)	709	15	A10	1	1	0.0	0.16	0.16	0.39	1.20	0.39
93115.0	MISSION BAY A11 (x1)	710	15	A11	1	1	0.0	0.15	0.15	0.37	1.57	0.37
93106.0	MISSION BAY A2 (x1)	701	15	A2	1	1	112.4	0.58	0.58	1.42	2.98	0.00
93107.0	MISSION BAY A3 (x1)	702	15	A3	1	1	103.0	0.46	0.46	1.13	4.11	0.00
93108.0	MISSION BAY A4 (x1)	703	15	A4	1	1	105.7	0.99	0.99	2.42	6.53	0.00
93109.0	MISSION BAY A5 (x1)	704	15	A5	1	1	18.6	0.74	0.74	1.81	8.34	1.81
93110.0	MISSION BAY A6 (x1)	705	15	A6	1	1	0.0	1.11	1.11	2.72	11.06	2.72
93111.0	MISSION BAY A7 (x3)	706	15	A7	1	1	0.0	0.81	0.81	1.98	13.04	1.98
93112.0	MISSION BAY A8 (x1)	707	15	A8	1	1	0.0	0.18	0.18	0.44	13.48	0.44
93113.0	MISSION BAY A9 (x1)	708	15	A9	1	1	0.8	0.61	0.61	1.49	14.97	1.49
93116.0	SAN DIEGO RIVER B1 (x4)	711	15	B1	1	1	58.1	0.26	0.26	0.64	15.61	0.00
93117.0	SAN DIEGO RIVER B2 (x2)	712	15	B2	1	1	112.1	0.24	0.24	0.59	16.19	0.00
93118.0	TUJANA R. ESTUARY HH1 (x2)	713	15	HH1	2	2	87.7	0.09	0.05	0.11	16.30	0.00
93119.0	TUJANA R. ESTUARY HH1 (x1)	714	15	HH1	2	2	40.1	0.09	0.05	0.11	16.41	0.00
93120.0	TUJANA R. ESTUARY HH2 (x1)	715	15	HH2	2	2	106.4	0.13	0.07	0.16	16.57	0.00
93121.0	TUJANA R. ESTUARY HH2 (x5)	716	15	HH2	2	2	114.7	0.13	0.07	0.16	16.73	0.00
93134.0	SOUTH SHORE-MOUTH BB2 (x1)	737	16	BB2	1	1	38.9	0.54	0.54	1.32	18.05	0.00
93135.0	SOUTH SHORE-MOUTH BB3 (x1)	738	16	BB3	1	1	65.5	0.51	0.51	1.25	19.30	0.00
93136.0	NORTH SHORE-MOUTH CC2 (x1)	739	16	CC2	1	1	48.6	0.75	0.75	1.83	21.14	0.00
93137.0	NORTH SHORE-MOUTH CC3 (x1)	740	16	CC3	1	1	79.3	1.64	1.64	4.01	25.15	0.00
93142.0	SOUTH SHORE-CORONADO DD1(X1)	752	16	DD1	1	1	0.0	0.35	0.35	0.86	26.00	0.86
93122.0	SOUTH SHORE-CORONADO DD3 (x1)	725	16	DD3	1	1	0.0	0.43	0.43	1.05	27.05	1.05
93138.0	SHELTER ISLAND E3 (x2)	741	16	E3	1	1	0.0	0.28	0.28	0.68	27.74	0.68
93139.0	COMMERCIAL BASIN F1 (x1)	742	16	F1	1	1	0.0	0.11	0.11	0.27	28.01	0.27
93140.0	COMMERCIAL BASIN F2 (x1)	743	16	F2	1	1	21.8	0.15	0.15	0.37	28.38	0.37
93141.0	COMMERCIAL BASIN F3 (x1)	744	16	F3	1	1	0.0	0.13	0.13	0.32	28.69	0.32
93123.0	SILVER STRAND FF1 (x1)	726	16	FF1	1	1	0.0	0.36	0.36	0.88	29.57	0.88
93124.0	SILVER STRAND FF2 (x1)	727	16	FF2	1	1	17.5	0.35	0.35	0.86	30.43	0.86
93125.0	SILVER STRAND FF4 (x4)	728	16	FF4	1	1	0.0	0.48	0.48	1.17	31.60	1.17
93126.0	SILVER STRAND FF7 (x2)	729	16	FF7	1	1	30.9	3.70	3.70	9.05	40.66	0.00
93127.0	SOUTH BAY GG2 (x1)	730	16	GG2	1	1	47.7	1.70	1.70	4.16	44.81	4.16
93129.0	SOUTH BAY GG4 (x1)	732	16	GG4	1	1	77.9	1.56	1.56	3.82	48.63	3.82
93128.0	SOUTHBAY GG5 (x1)	750	16	GG5	1	1	102.5	0.54	0.54	1.32	49.95	0.00

CDF calculations of percent area toxic for urchin development data in 50% pore water

Stnum	Station	Idorg	Leg	Block#	# samps per block	toxic	spd50-mn as % of control	Area/block (km2)	Area/sample	Area/sample as % of total	Cum area/sample as % of sample	% total area toxic (by sample)
93131.0	CORONADO CAYS T1 (x1)	734	16	T1	1	1	100.4	0.12	0.12	0.29	50.24	0.00
93132.0	CORONADO CAYS T3 (x1)	735	16	T3	1	1	101.6	0.11	0.11	0.27	50.51	0.00
93148.0	CHANNEL-CORONADO Y1 (x2)	751	16	Y1	1	1	0.0	1.94	1.94	4.75	55.26	4.75
93133.0	CHANNEL-NAVAL BASE Z1 (x1)	736	16	Z1	2	1	3.4	2.34	1.17	2.86	58.12	2.86
93151.0	CHANNEL-SOUTH BAY AA1 (x1)	760	17	AA1	1	1	94.2	0.70	0.70	1.71	59.83	0.00
93152.0	SOUTH SHORE-MOUTH BB1 (x1)	761	17	BB1	1	1	12.9	0.51	0.51	1.25	61.08	1.25
93153.0	NORTH SHORE-MOUTH CC1 (x1)	762	17	CC1	1	1	59.1	1.00	1.00	2.45	63.53	0.00
93154.0	NORTH SHORE-MOUTH CC4 (x1)	763	17	CC4	1	1	0.0	1.66	1.66	4.06	67.59	4.06
93143.0	FUEL PIERS D1 (x1)	753	17	D1	1	1	102.5	0.02	0.02	0.05	67.64	0.00
93155.0	SOUTH SHORE-CORONADO DD2 (x1)	764	17	DD2	1	1	0.0	0.24	0.24	0.59	68.22	0.59
93156.0	NORTH SHORE-CORONADO EE1 (x1)	765	17	EE1	1	1	102.6	0.42	0.42	1.03	69.25	0.00
93157.0	NORTH SHORE-CORONADO EE2 (x1)	766	17	EE2	1	1	0.0	0.31	0.31	0.76	70.01	0.76
93158.0	SOUTH BAY GG1 (x1)	767	17	GG1	1	1	0.0	1.82	1.82	4.45	74.46	4.45
93159.0	SOUTH BAY GG3 (x1)	768	17	GG3	1	1	0.0	0.10	0.10	0.24	74.71	0.24
93144.0	CAMPBELL SHIPYARDS N1 (x1)	754	17	N1	1	1	0.0	0.05	0.05	0.12	74.83	0.12
93145.0	CAMPBELL SHIPYARDS-N2 (x1)	755	17	N2	1	1	0.0	0.04	0.04	0.10	74.93	0.10
93146.0	GLORIETTA BAY U2 (x1)	756	17	U2	1	1	1.1	0.06	0.06	0.15	75.07	0.15
93147.0	GLORIETTA BAY U3 (x1)	757	17	U3	1	1	17.0	0.09	0.09	0.22	75.29	0.22
93149.0	CHANNEL-MOUTH X1 (x1)	758	17	X1	1	1	22.1	1.27	1.27	3.11	78.40	0.00
93150.0	CHANNEL-NAVAL BASE Z1 (x2)	759	17	Z1	2	1	104.5	2.34	1.17	2.86	81.26	0.00
93161.0	SUB BASE C1 (x1)	774	18	C1	1	1	57.4	0.03	0.03	0.07	81.34	0.00
93162.0	SUB BASE C3 (x1)	775	18	C3	1	1	104.9	0.04	0.04	0.10	81.43	0.00
93163.0	FUEL PIERS D2 (x2)	776	18	D2	1	1	61.3	0.05	0.05	0.12	81.56	0.00
93164.0	SHELTER ISLAND E1 (x1)	777	18	E1	1	1	102.1	0.46	0.46	1.13	82.68	0.00
93172.0	SILVER STRAND FF3 (x1)	785	18	FF3	1	1	98.7	0.46	0.46	1.13	83.81	0.00
93173.0	SILVER STRAND FF6 (x1)	786	18	FF6	1	1	78.9	2.99	2.99	7.31	91.12	7.31
93165.0	NAVY ESTUARY G1 (x1)	778	18	G1	1	1	100.8	0.07	0.07	0.17	91.29	0.00
93166.0	NAVY ESTUARY G2 (x1)	779	18	G2	1	1	0.0	0.05	0.05	0.12	91.41	0.12
93167.0	NAVY ESTUARY G3 (x1)	780	18	G3	1	1	52.2	0.10	0.10	0.24	91.66	0.24
93168.0	WEST BASIN H2 (x1)	781	18	H2	1	1	103.5	0.28	0.28	0.68	92.34	0.00
93174.0	TIJUANA R. ESTUARY HH3 (x2)	787	18	HH3	2	1	101.3	0.08	0.04	0.10	92.44	0.00
93175.0	TIJUANA R. ESTUARY HH3 (x3)	788	18	HH3	2	1	92.9	0.08	0.04	0.10	92.54	0.00
93169.0	EAST BASIN I2 (x1)	782	18	I2	1	1	84.2	0.10	0.10	0.24	92.78	0.00
93170.0	CHOLLAS CREEK P1 (x2)	783	18	P1	1	1	100.9	0.03	0.03	0.07	92.86	0.00
93171.0	MARINE TERMINAL R1 (x1)	784	18	R1	1	1	96.0	0.22	0.22	0.54	93.40	0.00

CDF calculations of percent area toxic for ... chain development data in 50% pore water

Stationum	Station	Idorg	Leg	Block#	# samps per block	toxic	spd50-mm as % of control	Area/blick (km2)	Area/sample as % of total	Cum area/sample as % of sample	% total area toxic (by sample)
93186.0	FUEL PIER D4 (x1)	804	19	D4	1	1	9.2	0.02	0.02	93.44	0.05
93177.0	NAVAL SHIPYARDS O1 (x1)	795	19	O1	1		104.0	0.05	0.05	93.57	0.00
93184.0	NAVAL SHIPYARDS O11 (x1)	802	19	O11	1		108.0	0.09	0.09	93.79	0.00
93185.0	NAVAL SHIPYARDS O14 (x1)	803	19	O14	1	1	32.0	0.29	0.29	94.50	0.71
93178.0	NAVAL SHIPYARDS O2 (x1)	796	19	O2	1	1	0.0	0.04	0.04	94.59	0.10
93179.0	NAVAL SHIPYARDS O3 (x1)	797	19	O3	1	1	58.7	0.05	0.05	94.72	0.12
93181.0	NAVAL SHIPYARDS O6 (x1)	799	19	O6	1		104.2	0.09	0.09	94.94	0.00
93182.0	NAVAL SHIPYARDS O8 (x4)	800	19	O8	1	1	0.0	0.06	0.06	95.08	0.15
93183.0	NAVAL SHIPYARDS O9 (x1)	801	19	O9	1		108.8	0.18	0.18	95.52	0.00
93187.0	MARINE TERMINAL R2 (x1)	805	19	R2	1	1	0.0	0.27	0.27	96.18	0.66
93188.0	CARRIER BASE V1 (x2)	806	19	V1	1	1	0.0	0.06	0.06	96.33	0.15
93190.0	MARINA I11 (x1)	816	20	I11	2	1	0.0	0.08	0.04	96.43	0.10
93191.0	MARINA I11 (x3)	817	20	I11	2	1	0.0	0.08	0.04	96.53	0.10
93192.0	INTERCONT. MARINA M1 (x2)	819	20	M1	2	1	22.1	0.10	0.05	96.65	0.12
93193.0	INTERCONT. MARINA M1 (x1)	820	20	M1	2	1	0.0	0.10	0.05	96.77	0.12
93196.0	CHULA V. YACHT BASIN S1 (x1)	825	20	S1	2		94.2	0.18	0.09	96.99	0.00
93197.0	CHULA V. YACHT BASIN S1 (x3)	826	20	S1	2		94.7	0.18	0.09	97.21	0.00
93194.0	GLORIETTA BAY U1 (x1)	822	20	U1	2	1	0.0	0.06	0.03	97.28	0.07
93195.0	GLORIETTA BAY U1 (x2)	823	20	U1	2	1	0.0	0.06	0.03	97.36	0.07
93199.0	WEST BASIN H1 (x1)	838	21	H1	2		98.1	0.20	0.10	97.60	0.00
93200.0	WEST BASIN H1 (x4)	839	21	H1	2		90.8	0.20	0.10	97.85	0.00
93201.0	EAST BASIN I1 (x1)	841	21	I1	2	1	0.0	0.11	0.06	97.98	0.13
93202.0	EAST BASIN I1 (x5)	842	21	I1	2		30.7	0.11	0.06	98.12	0.00
93205.0	DOWNTOWN PIERS K1 (x9)	847	21	K1	2	1	0.0	0.06	0.03	98.19	0.07
93206.0	DOWNTOWN PIERS K1 (x11)	848	21	K1	2	1	0.0	0.06	0.03	98.26	0.07
93207.0	G ST. PIER MARINA L1 (x4)	850	21	L1	2	1	0.0	0.05	0.03	98.32	0.06
93208.0	G ST. PIER MARINA L1 (x5)	851	21	L1	2	1	0.0	0.05	0.03	98.39	0.06
93203.0	CORONADO CAYS T2 (x1)	844	21	T2	2		67.6	0.14	0.07	98.56	0.00
93204.0	CORONADO CAYS T2 (x2)	845	21	T2	2	1	0.0	0.14	0.07	98.73	0.17
93216.0	SUB BASE C2 (x1)	872	22	C2	2	1	4.5	0.02	0.01	98.75	0.02
93217.0	SUB BASE C2 (x3)	873	22	C2	2	1	68.5	0.02	0.01	98.78	0.02
93214.0	NAVAL BASE/SHIPYARDS O12 (x3)	869	22	O12	2		99.6	0.05	0.03	98.84	0.00
93215.0	NAVAL BASE/SHIPYARDS O12 (x4)	870	22	O12	2		100.3	0.05	0.03	98.90	0.00
93210.0	NAVAL BASE/SHIPYARDS O4 (x1)	863	22	O4	2	1	0.0	0.03	0.02	98.94	0.04
93211.0	NAVAL BASE/SHIPYARDS O4 (x2)	864	22	O4	2	1	73.2	0.03	0.02	98.97	0.04

CDF calculations of percent area toxic for urchin development data in 50% pore water

Statum	Station	Idorg	Leg	Block#	# samps per block	toxic	spd50-rm as % of control	Area/block (km ²)	Area/sample	Area/sample as % of total	Cum area/sample as % of sample	% total area toxic (by sample)
93180.0	NAVAL BASE/SHIPYARDS O5 (x1)	798	22	O5	1		84.8	0.06	0.06	0.15	99.12	0.00
93212.0	NAVAL BASE/SHIPYARDS O7 (x1)	866	22	O7	2	1	0.0	0.06	0.03	0.07	99.19	0.07
93213.0	NAVAL BASE/SHIPYARDS O7 (x4)	867	22	O7	2	1	0.0	0.06	0.03	0.07	99.27	0.07
93223.0	NAVAL BASE/SHIPYARD O10 (x2)	888	23	O10	2		104.7	0.09	0.05	0.11	99.38	0.00
93224.0	NAVAL BASE/SHIPYARD O10(x6)	889	23	O10	2		107.3	0.09	0.05	0.11	99.49	0.00
93225.0	NAVAL BASE/SHIPYARD O13 (x1)	891	23	O13	2		104.2	0.09	0.05	0.11	99.60	0.00
93226.0	NAVAL BASE/SHIPYARD O13 (x3)	892	23	O13	2		107.1	0.09	0.05	0.11	99.71	0.00
93227.0	SEVENTH ST CHANNEL Q1 (x5)	894	23	Q1	2		102.9	0.04	0.02	0.05	99.76	0.00
93228.0	SEVENTH ST CHANNEL Q1 (x6)	895	23	Q1	2		104.2	0.04	0.02	0.05	99.80	0.00
93229.0	MARINE TERMINAL R3 (x1)	897	23	R3	2	1	28.0	0.05	0.03	0.06	99.87	0.06
93230.0	MARINE TERMINAL R3 (x3)	898	23	R3	2	1	8.6	0.05	0.03	0.06	99.93	0.06
93231.0	CARRIER BASE V2 (x6)	1000	23	V2	2	1	0.0	0.03	0.02	0.04	99.96	0.04
93232.0	CARRIER BASE V2 (x7)	1001	23	V2	2	1	0.0	0.03	0.02	0.04	100.00	0.04
	SUMS								40.88			54.42

CDF calculations of percent area toxic for urchin development in 25% pore water

Station	Idorg	Leg	Block#	# sampls /block	toxic	mn-sp025 as % of control	Area/block (km2)	Area/sample as % of total	Cum area/sample as % of total	% total area toxic (by sample)
93105.0	700	15	A1	1		111.3	0.33	0.33	0.94	0.00
93114.0	709	15	A10	1	1	1.9	0.16	0.16	1.39	0.46
93115.0	710	15	A11	1	1	13.8	0.15	0.15	1.82	0.43
93106.0	701	15	A2	1		125.7	0.58	0.58	3.47	0.00
93107.0	702	15	A3	1		104.6	0.46	0.46	4.78	0.00
93108.0	703	15	A4	1		101.9	0.99	0.99	7.60	0.00
93109.0	704	15	A5	1		82.9	0.74	0.74	9.70	0.00
93110.0	705	15	A6	1	1	0.0	1.11	1.11	12.86	3.16
93111.0	706	15	A7	1		34.3	0.81	0.81	15.16	0.00
93112.0	707	15	A8	1	1	25.1	0.18	0.18	15.68	0.51
93113.0	708	15	A9	1	1	6.2	0.61	0.61	17.41	1.74
93116.0	711	15	B1	1		55.3	0.26	0.26	18.15	0.00
93117.0	712	15	B2	1		130.7	0.24	0.24	18.83	0.00
93118.0	713	15	HH1	2		127.1	0.09	0.05	18.96	0.00
93119.0	714	15	HH1	2		124.7	0.09	0.05	19.09	0.00
93120.0	715	15	HH2	2		124.4	0.13	0.07	19.27	0.00
93121.0	716	15	HH2	2		122.1	0.13	0.07	19.46	0.00
93134.0	737	16	BB2	1		100.5	0.54	0.54	21.00	0.00
93135.0	738	16	BB3	1		101.1	0.51	0.51	22.45	0.00
93136.0	739	16	CC2	1		96.8	0.75	0.75	24.58	0.00
93137.0	740	16	CC3	1		98.0	1.64	1.64	29.25	0.00
93142.0	752	16	DD1	1	1	0.0	0.35	0.35	30.24	1.00
93122.0	725	16	DD3	1	1	0.0	0.43	0.43	31.47	1.22
93138.0	741	16	E3	1	1	9.8	0.28	0.28	32.26	0.80
93139.0	742	16	F1	1	1	43.3	0.11	0.11	32.57	0.31
93140.0	743	16	F2	1		69.2	0.15	0.15	33.00	0.00
93141.0	744	16	F3	1	1	0.0	0.13	0.13	33.37	0.37
93123.0	726	16	FF1	1	1	0.0	0.36	0.36	34.40	1.02
93124.0	727	16	FF2	1		66.5	0.35	0.35	35.39	0.00
93125.0	728	16	FF4	1	1	0.0	0.48	0.48	36.76	1.37
93126.0	729	16	FF7	1		76.8	3.70	3.70	47.28	0.00
93127.0	730	16	GG2	1		99.1	1.70	1.70	52.12	0.00
93129.0	732	16	GG4	1		94.6	1.56	1.56	56.56	0.00
93128.0	750	16	GG5	1		94.6	0.54	0.54	58.09	0.00

CDF calculations of percent area toxic for urchin development in 25% pore water

Station	Idorg	Leg	Block#	# sampls /blk	toxic	mn-spd25	Area/blk (km2)	Area/sample	Area/sample as % of total	Cum area/sample as % of total	% total area toxic (by sample)
93131.0	734	16	T1	1	1	97.1	0.12	0.12	0.34	58.44	0.00
93132.0	735	16	T3	1	1	100.0	0.11	0.11	0.31	58.75	0.00
93148.0	751	16	Y1	1	1	0.0	1.94	1.94	5.52	64.27	5.52
93133.0	736	16	Z1	2	1	71.1	2.34	1.17	3.33	67.60	3.33
93151.0	760	17	AA1	1	1	90.0	0.51	0.51	1.45	67.60	0.00
93152.0	761	17	BB1	1	1	102.0	1.00	1.00	2.84	69.05	0.00
93153.0	762	17	CC1	1	1	0.0	1.66	1.66	4.72	71.89	0.00
93154.0	763	17	CC4	1	1	103.7	0.02	0.02	0.06	76.61	4.72
93143.0	753	17	D1	1	1	0.0	0.24	0.24	0.68	76.67	0.00
93155.0	764	17	DD2	1	1	102.5	0.42	0.42	1.19	77.35	0.68
93156.0	765	17	EE1	1	1	6.8	0.31	0.31	0.88	78.55	0.00
93157.0	766	17	EE2	1	1	0.0	0.10	0.10	0.28	79.43	0.88
93158.0	767	17	GG1	1	1	1.8	0.05	0.05	0.14	79.43	0.28
93159.0	768	17	GG3	1	1	103.8	0.04	0.04	0.11	79.86	0.14
93144.0	754	17	N1	1	1	95.9	0.06	0.06	0.17	79.97	0.00
93145.0	755	17	N2	1	1	104.8	0.09	0.09	0.26	80.14	0.00
93146.0	756	17	U2	1	1	63.7	1.27	1.27	3.61	80.40	0.00
93147.0	757	17	U3	1	1	100.5	2.34	1.17	3.33	84.01	0.00
93149.0	758	17	X1	1	2	90.0	0.03	0.03	0.09	87.34	0.00
93150.0	759	17	Z1	2	1	98.3	0.04	0.04	0.11	87.43	0.00
93161.0	774	18	C1	1	1	105.3	0.05	0.05	0.14	87.54	0.00
93162.0	775	18	C3	1	1	100.0	0.46	0.46	1.31	87.68	0.00
93163.0	776	18	D2	1	1	98.2	0.46	0.46	1.31	88.99	0.00
93164.0	777	18	E1	1	1	0.0	0.46	0.46	0.80	90.30	0.00
93172.0	785	18	FF3	1	1	99.3	0.28	0.28	0.80	90.30	0.00
93173.0	786	18	FF6	1	1	101.4	0.08	0.04	0.11	90.30	0.00
93165.0	778	18	G1	1	2	53.5	0.08	0.04	0.11	91.21	0.00
93166.0	779	18	G2	1	2	87.4	0.10	0.10	0.28	91.32	0.00
93167.0	780	18	G3	1	1	97.1	0.03	0.03	0.09	91.61	0.00
93168.0	781	18	H2	1	1	95.8	0.22	0.22	0.63	91.69	0.00
93174.0	787	18	HH3	2	1	0.0	0.08	0.04	0.11	92.32	0.00
93175.0	788	18	HH3	2	1	0.0	0.08	0.04	0.11	92.32	0.00
93169.0	782	18	I2	1	1	0.0	0.10	0.10	0.28	91.61	0.00
93170.0	783	18	P1	1	1	0.0	0.03	0.03	0.09	91.69	0.00
93171.0	784	18	R1	1	1	0.0	0.22	0.22	0.63	92.32	0.00

CDF calculations of percent area toxic for urchin development in 25% pore water

Station	Idorg	Leg	Block#	# samps	toxic	mn-spd25	Area/bick	Area/sample	Area/sample	as	% total area	toxic
				/bick		as	(km2)	Area/sample	as	% of total	% total area	(by sample)
93186.0	804	19	D4	1		107.1	0.02	0.02	0.06	0.06	92.38	0.00
93177.0	795	19	O1	1		109.4	0.05	0.05	0.14	0.14	92.52	0.00
93184.0	802	19	O11	1		105.6	0.09	0.09	0.26	0.26	92.77	0.00
93185.0	803	19	O14	1		104.7	0.29	0.29	0.83	0.83	93.60	0.00
93178.0	796	19	O2	1		18.6	0.04	0.04	0.11	0.11	93.71	0.00
93179.0	797	19	O3	1		106.9	0.05	0.05	0.14	0.14	93.85	0.00
93181.0	799	19	O6	1		105.9	0.09	0.09	0.26	0.26	94.11	0.00
93182.0	800	19	O8	1	1	14.9	0.06	0.06	0.17	0.17	94.28	0.17
93183.0	801	19	O9	1		106.0	0.18	0.18	0.51	0.51	94.79	0.00
93187.0	805	19	R2	1		68.2	0.27	0.27	0.77	0.77	95.56	0.00
93188.0	806	19	V1	1	1	0.0	0.06	0.06	0.17	0.17	95.73	0.17
93190.0	816	20	I1	2	1	62.5	0.08	0.04	0.11	0.11	95.85	0.11
93191.0	817	20	I1	2		93.9	0.08	0.04	0.11	0.11	95.96	0.00
93192.0	819	20	M1	2		97.6	0.10	0.05	0.14	0.14	96.10	0.00
93193.0	820	20	M1	2	1	0.0	0.10	0.05	0.14	0.14	96.24	0.14
93196.0	825	20	S1	2		97.3	0.18	0.09	0.26	0.26	96.50	0.00
93197.0	826	20	S1	2		96.3	0.18	0.09	0.26	0.26	96.76	0.00
93194.0	822	20	U1	2	1	48.7	0.06	0.03	0.09	0.09	96.84	0.09
93195.0	823	20	U1	2	1	0.0	0.06	0.03	0.09	0.09	96.93	0.09
93199.0	838	21	H1	2		105.7	0.20	0.10	0.28	0.28	97.21	0.00
93200.0	839	21	H1	2		99.4	0.20	0.10	0.28	0.28	97.50	0.00
93201.0	841	21	I1	2		72.0	0.11	0.06	0.16	0.16	97.65	0.00
93202.0	842	21	I1	2		78.1	0.11	0.06	0.16	0.16	97.81	0.00
93205.0	847	21	K1	2	1	0.0	0.06	0.03	0.09	0.09	97.89	0.09
93206.0	848	21	K1	2	1	0.0	0.06	0.03	0.09	0.09	97.98	0.09
93207.0	850	21	L1	2	1	0.0	0.05	0.03	0.07	0.07	98.05	0.07
93208.0	851	21	L1	2	1	0.0	0.05	0.03	0.07	0.07	98.12	0.07
93203.0	844	21	T2	2		109.4	0.14	0.07	0.20	0.20	98.32	0.00
93204.0	845	21	T2	2	1	0.0	0.14	0.07	0.20	0.20	98.52	0.20
93216.0	872	22	C2	2		80.1	0.02	0.01	0.03	0.03	98.55	0.00
93217.0	873	22	C2	2		101.6	0.02	0.01	0.03	0.03	98.58	0.00
93214.0	869	22	O12	2		102.3	0.05	0.03	0.07	0.07	98.65	0.00
93215.0	870	22	O12	2		102.2	0.05	0.03	0.07	0.07	98.72	0.00
93210.0	863	22	O4	2		55.9	0.03	0.02	0.04	0.04	98.76	0.00
93211.0	864	22	O4	2		97.6	0.03	0.02	0.04	0.04	98.81	0.00

CDF calculations of percent area toxic for urchin development in 25% pore water

Station	Station	Idorg	Leg	Block#	# sampls /block	toxic	mn-spd25 as % of control	Area/hlck (km2)	Area/sample	Area/sample as % of total	Cum area/sample as % of total	% total area toxic (by sample)
93180.0	NAVAL BASE/SHIPYARDS O5 (x1)	798	22	O5	1		97.8	0.06	0.06	0.17	98.98	0.00
93212.0	NAVAL BASE/SHIPYARDS O7 (x1)	866	22	O7	2	1	0.7	0.06	0.03	0.09	99.06	0.09
93213.0	NAVAL BASE/SHIPYARDS O7 (x4)	867	22	O7	2		88.9	0.05	0.03	0.09	99.15	0.00
93223.0	NAVAL BASE/SHIPYARD O10 (x2)	888	23	O10	2		105.3	0.09	0.05	0.13	99.27	0.00
93224.0	NAVAL BASE/SHIPYARD O10(x6)	889	23	O10	2		104.2	0.09	0.05	0.13	99.40	0.00
93225.0	NAVAL BASE/SHIPYARD O13 (x1)	891	23	O13	2		103.3	0.09	0.05	0.13	99.53	0.00
93226.0	NAVAL BASE/SHIPYARD O13 (x3)	892	23	O13	2		106.9	0.09	0.05	0.13	99.66	0.00
93227.0	SEVENTH ST CHANNEL Q1 (x5)	894	23	Q1	2		101.8	0.04	0.02	0.06	99.72	0.00
93228.0	SEVENTH ST CHANNEL Q1 (x6)	895	23	Q1	2		97.7	0.04	0.02	0.06	99.77	0.00
93229.0	MARINE TERMINAL R3 (x1)	897	23	R3	2		98.9	0.05	0.03	0.07	99.84	0.00
93230.0	MARINE TERMINAL R3 (x3)	898	23	R3	2		86.3	0.05	0.03	0.07	99.91	0.00
93231.0	CARRIER BASE V2 (x6)	1000	23	V2	2	1	0.0	0.03	0.02	0.04	99.96	0.04
93232.0	CARRIER BASE V2 (x7)	1001	23	V2	2	1	46.8	0.03	0.02	0.04	100.00	0.04
	SUMS								35.15			29.39