

Bight'13 Contaminant Impact Assessment Field Operations Manual - Appendix B

B13 Station ID	Target Latitude Dec Deg	Target Longitude Dec Deg	Target Latitude Deg	Target Latitude Dec Min	Target Longitude Degree	Target Longitude Dec Min	GIS Depth	B13 Stratum	MPA ID	Region	Original_Survey	Sed Grab	Agency Sed Grab	Trawl
B13-8002	32.5566	-117.1281	32	33.3954	-117	7.6878	0.00	Estuaries	NA	Tijuana River Estuary	B2003	Y	SD County	N
B13-8008	32.5582	-117.1206	32	33.4944	-117	7.2346	0.00	Estuaries	NA	Tijuana River Estuary	B2013	Y	SD County	N
B13-8013	32.6235	-117.1337	32	37.4106	-117	8.0244	0.00	Marina	NA	San Diego Bay	B2003	Y	RHMP	N
B13-8014	32.6265	-117.1347	32	37.5900	-117	8.0790	0.00	Marina	NA	San Diego Bay	B2003	Y	RHMP	N
B13-8017	32.6319	-117.1310	32	37.9147	-117	7.8574	-3.40	Bay	NA	San Diego Bay	B2013	Y	RHMP	Y
B13-8018	32.6340	-117.1072	32	38.0419	-117	6.4324	0.00	Port	NA	San Diego Bay	B2013	Y	RHMP	N
B13-8020	32.6418	-117.1312	32	38.5099	-117	7.8737	-4.41	Bay	NA	San Diego Bay	B2013	Y	RHMP	Y
B13-8028	32.6467	-117.1193	32	38.7991	-117	7.1584	-8.47	Bay	NA	San Diego Bay	B2008	Y	RHMP	N
B13-8029	32.6468	-117.1178	32	38.8080	-117	7.0680	-4.97	Bay	NA	San Diego Bay	B2003	Y	RHMP	Y
B13-8030	32.6471	-117.1166	32	38.8282	-117	6.9967	-4.02	Bay	NA	San Diego Bay	B2008	Y	RHMP	N
B13-8031	32.6475	-117.1214	32	38.8481	-117	7.2849	0.00	Port	NA	San Diego Bay	B2008	Y	RHMP	N
B13-8033	32.6478	-117.1199	32	38.8655	-117	7.1967	0.00	Port	NA	San Diego Bay	B2008	Y	RHMP	N
B13-8036	32.6483	-117.1162	32	38.8967	-117	6.9738	0.00	Estuaries	NA	San Diego Bay	B2008	Y	RHMP	N
B13-8038	32.6486	-117.1139	32	38.9140	-117	6.8368	0.00	Estuaries	NA	Sweetwater Channel	B2008	Y	RHMP	N
B13-8040	32.6490	-117.1101	32	38.9374	-117	6.6071	0.00	Estuaries	NA	Sweetwater Channel	B2008	Y	RHMP	N
B13-8041	32.6491	-117.1134	32	38.9480	-117	6.8022	0.00	Estuaries	NA	Sweetwater Channel	B2008	Y	RHMP	N
B13-8043	32.6501	-117.1051	32	39.0046	-117	6.3037	0.00	Estuaries	NA	Sweetwater Channel	B2013	Y	SD County	N
B13-8045	32.6514	-117.1229	32	39.0858	-117	7.3758	0.00	Port	NA	San Diego Bay	B1998	Y	RHMP	N

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B13-8049	32.6561	-117.1224	32	39.3643	-117	7.3466	0.00	Port	NA	San Diego Bay	B2008	Y	RHMP	N
B13-8050	32.6575	-117.1227	32	39.4483	-117	7.3643	0.00	Port	NA	San Diego Bay	B2008	Y	RHMP	N
B13-8052	32.6583	-117.1443	32	39.4968	-117	8.6604	-4.58	Bay	NA	San Diego Bay	B2003	Y	RHMP	Y
B13-8053	32.6585	-117.1195	32	39.5086	-117	7.1719	0.00	Port	NA	San Diego Bay	B2008	Y	RHMP	N
B13-8056	32.6603	-117.1229	32	39.6198	-117	7.3752	0.00	Port	NA	San Diego Bay	B2003	Y	RHMP	N
B13-8058	32.6611	-117.1440	32	39.6634	-117	8.6399	-4.49	Bay	NA	San Diego Bay	B2013	Y	RHMP	Y
B13-8060	32.6649	-117.1499	32	39.8958	-117	8.9958	-4.82	Bay	NA	San Diego Bay	B1998	Y	RHMP	Y
B13-8064	32.6709	-117.1241	32	40.2566	-117	7.4446	0.00	Port	NA	San Diego Bay	B2008	Y	RHMP	N
B13-8065	32.6713	-117.1189	32	40.2805	-117	7.1356	0.00	Port	NA	San Diego Bay	B2013	Y	RHMP	N
B13-8066	32.6718	-117.1258	32	40.3067	-117	7.5467	0.00	Port	NA	San Diego Bay	B2008	Y	RHMP	N
B13-8068	32.6754	-117.1439	32	40.5222	-117	8.6310	-4.89	Bay	NA	San Diego Bay	B2003	Y	RHMP	N
B13-8069	32.6759	-117.1279	32	40.5563	-117	7.6717	0.00	Port	NA	San Diego Bay	B2008	Y	RHMP	N
B13-8073	32.6805	-117.1752	32	40.8313	-117	10.5140	0.00	Marina	NA	San Diego Bay	B2013	Y	RHMP	N
B13-8074	32.6854	-117.1365	32	41.1247	-117	8.1897	0.00	Port	NA	San Diego Bay	B2008	Y	RHMP	N
B13-8075	32.6855	-117.1341	32	41.1280	-117	8.0458	0.00	Port	NA	San Diego Bay	B2008	Y	RHMP	N
B13-8076	32.6863	-117.1329	32	41.1791	-117	7.9768	0.00	Port	NA	San Diego Bay	B2008	Y	RHMP	N
B13-8077	32.6866	-117.1339	32	41.1951	-117	8.0351	0.00	Port	NA	San Diego Bay	B2008	Y	RHMP	N
B13-8078	32.6868	-117.1484	32	41.2103	-117	8.9035	-12.10	Bay	NA	San Diego Bay	B2013	Y	RHMP	Y
B13-8082	32.6882	-117.1379	32	41.2926	-117	8.2716	0.00	Port	NA	San Diego Bay	B1998	Y	RHMP	N

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B13-8084	32.6899	-117.1392	32	41.3962	-117	8.3503	0.00	Port	NA	San Diego Bay	B2008	Y	RHMP	N
B13-8085	32.6911	-117.2380	32	41.4666	-117	14.2818	0.00	Port	NA	San Diego Bay	B1998	Y	RHMP	N
B13-8087	32.6918	-117.1530	32	41.5062	-117	9.1788	0.00	Port	NA	San Diego Bay	B1998	Y	RHMP	N
B13-8093	32.6956	-117.1626	32	41.7373	-117	9.7574	-14.08	Bay	NA	San Diego Bay	B2013	Y	RHMP	N
B13-8095	32.6962	-117.1534	32	41.7713	-117	9.2044	0.00	Port	NA	San Diego Bay	B2008	Y	RHMP	N
B13-8096	32.6986	-117.1588	32	41.9144	-117	9.5262	-6.58	Bay	NA	San Diego Bay	B2008	Y	RHMP	N
B13-8098	32.6998	-117.1610	32	41.9887	-117	9.6581	-8.90	Bay	NA	San Diego Bay	B2008	Y	RHMP	N
B13-8100	32.7023	-117.1620	32	42.1356	-117	9.7188	0.00	Port	NA	San Diego Bay	B1998	Y	RHMP	N
B13-8102	32.7114	-117.2321	32	42.6828	-117	13.9278	0.00	Marina	NA	San Diego Bay	B1998	Y	RHMP	N
B13-8105	32.7123	-117.2133	32	42.7403	-117	12.7994	-1.61	Bay	NA	San Diego Bay	B2013	Y	RHMP	N
B13-8106	32.7126	-117.2317	32	42.7550	-117	13.9008	0.00	Marina	NA	San Diego Bay	B2013	Y	RHMP	N
B13-8108	32.7145	-117.2301	32	42.8698	-117	13.8031	0.00	Marina	NA	San Diego Bay	B2008	Y	RHMP	N
B13-8109	32.7150	-117.1831	32	42.9024	-117	10.9848	-12.12	Bay	NA	San Diego Bay	B1998	Y	RHMP	Y
B13-8111	32.7160	-117.1740	32	42.9588	-117	10.4424	0.00	Port	NA	San Diego Bay	B2003	Y	RHMP	N
B13-8112	32.7161	-117.1762	32	42.9648	-117	10.5690	0.00	Port	NA	San Diego Bay	B1998	Y	RHMP	N
B13-8113	32.7168	-117.2243	32	43.0098	-117	13.4574	0.00	Marina	NA	San Diego Bay	B2003	Y	RHMP	N
B13-8116	32.7181	-117.2305	32	43.0860	-117	13.8276	0.00	Marina	NA	San Diego Bay	B2003	Y	RHMP	N
B13-8117	32.7187	-117.2257	32	43.1202	-117	13.5426	0.00	Marina	NA	San Diego Bay	B1998	Y	RHMP	N
B13-8118	32.7198	-117.1786	32	43.1876	-117	10.7177	-11.43	Bay	NA	San Diego Bay	B2013	Y	RHMP	Y

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B13-8121	32.7242	-117.2248	32	43.4498	-117	13.4905	0.00	Marina	NA	San Diego Bay	B2008	Y	RHMP	N
B13-8122	32.7243	-117.1828	32	43.4562	-117	10.9656	-4.90	Bay	NA	San Diego Bay	B2003	Y	RHMP	Y
B13-8123	32.7249	-117.1836	32	43.4922	-117	11.0154	0.00	Marina	NA	San Diego Bay	B1998	Y	RHMP	N
B13-8124	32.7262	-117.1867	32	43.5700	-117	11.1992	0.00	Marina	NA	San Diego Bay	B2013	Y	RHMP	N
B13-8127	32.7269	-117.2021	32	43.6152	-117	12.1236	0.00	Marina	NA	San Diego Bay	B2003	Y	RHMP	N
B13-8128	32.7270	-117.1919	32	43.6226	-117	11.5168	0.00	Marina	NA	San Diego Bay	B2013	Y	RHMP	N
B13-8129	32.7568	-117.2354	32	45.4080	-117	14.1222	0.00	Estuaries	NA	San Diego River	B2003	Y	SD County	N
B13-8134	32.7575	-117.2379	32	45.4508	-117	14.2733	0.00	Estuaries	NA	San Diego River	B2013	Y	SD County	N
B13-8136	32.7579	-117.2274	32	45.4710	-117	13.6446	0.00	Estuaries	NA	San Diego River	B2003	Y	SD County	N
B13-8145	32.7617	-117.2381	32	45.7018	-117	14.2878	0.00	Marina	NA	Mission Bay	B2013	Y	RHMP	N
B13-8146	32.7623	-117.2362	32	45.7380	-117	14.1708	0.00	Marina	NA	Mission Bay	B2003	Y	RHMP	N
B13-8151	32.7672	-117.2355	32	46.0290	-117	14.1306	0.00	Marina	NA	Mission Bay	B1998	Y	RHMP	N
B13-8152	32.7675	-117.2416	32	46.0494	-117	14.4960	-9.00	Bay	NA	Mission Bay	B2003	Y	RHMP	N
B13-8156	32.7809	-117.2496	32	46.8558	-117	14.9760	0.00	Marina	NA	Mission Bay	B1998	Y	RHMP	N
B13-8157	32.7828	-117.2300	32	46.9693	-117	13.7987	-3.79	Bay	NA	Mission Bay	B2013	Y	RHMP	N
B13-8159	32.7844	-117.2155	32	47.0634	-117	12.9300	-4.31	Bay	NA	Mission Bay	B2003	Y	RHMP	Y
B13-8160	32.7872	-117.2087	32	47.2324	-117	12.5207	-1.39	Bay	NA	Mission Bay	B2008	Y	RHMP	N
B13-8163	32.7946	-117.2200	32	47.6754	-117	13.1981	-1.68	Bay	NA	Mission Bay	B2008	Y	RHMP	N
B13-8169	32.9317	-117.2523	32	55.8992	-117	15.1394	0.00	Estuaries	NA	Los Penasquitos Lagoon	B2013	Y	SD County	N

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B13-8176	32.9336	-117.2567	32	56.0139	-117	15.3991	0.00	Estuaries	NA	Los Penasquitos Lagoon	B2013	Y	SD County	N
B13-8179	32.9660	-117.2524	32	57.9607	-117	15.1463	0.00	Estuaries	NA	San Dieguito Lagoon	B2013	Y	SD County	N
B13-8180	32.9665	-117.2579	32	57.9888	-117	15.4722	0.00	Estuaries	NA	San Dieguito Lagoon	B2013	Y	SD County	N
B13-8187	32.9708	-117.2582	32	58.2502	-117	15.4910	0.00	Estuaries	NA	San Dieguito Lagoon	B2013	Y	SD County	N
B13-8188	33.0162	-117.2807	33	0.9697	-117	16.8427	0.00	Estuaries	San Elijo Lagoon SMCA (No-Take)	San Elijo Lagoon	B2013	Y	SD County	N
B13-8189	33.0122	-117.2746	33	0.7346	-117	16.4740	0.00	Estuaries	San Elijo Lagoon SMCA (No-Take)	San Elijo Lagoon	B2013	Y	SD County	N
B13-8200	33.0851	-117.3097	33	5.1048	-117	18.5827	0.00	Estuaries	NA	Batiquitos Lagoon	B2013	Y	SD County	N
B13-8202	33.0882	-117.2916	33	5.2932	-117	17.4936	0.00	Estuaries	Batiquitos Lagoon SMCA (No-Take)	Batiquitos Lagoon	B2013	Y	SD County	N
B13-8205	33.0889	-117.2956	33	5.3313	-117	17.7382	0.00	Estuaries	Batiquitos Lagoon SMCA (No-Take)	Batiquitos Lagoon	B2013	Y	SD County	N
B13-8218	33.1392	-117.3378	33	8.3532	-117	20.2650	0.00	Estuaries	NA	Agua Hedionda Lagoon	B2003	Y	SD County	N
B13-8219	33.1394	-117.3187	33	8.3664	-117	19.1196	0.00	Estuaries	NA	Agua Hedionda Lagoon	B2003	Y	SD County	N
B13-8222	33.1402	-117.3250	33	8.4096	-117	19.5024	0.00	Estuaries	NA	Agua Hedionda Lagoon	B2003	Y	SD County	N

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B13-8233	33.2048	-117.3908	33	12.2908	-117	23.4452	0.00	Marina	NA	Oceanside Harbor	B2008	Y	RHMP	N
B13-8236	33.2069	-117.3935	33	12.4156	-117	23.6107	0.00	Marina	NA	Oceanside Harbor	B2008	Y	RHMP	N
B13-8239	33.2076	-117.3974	33	12.4587	-117	23.8450	0.00	Marina	NA	Oceanside Harbor	B2008	Y	RHMP	Y
B13-8248	33.2318	-117.4134	33	13.9080	-117	24.8022	0.00	Estuaries	NA	Santa Margarita Estuary	B2003	Y	SD County	N
B13-8250	33.2321	-117.4124	33	13.9258	-117	24.7462	0.00	Estuaries	NA	Santa Margarita Estuary	B2013	Y	SD County	N
B13-8253	33.2332	-117.4132	33	13.9925	-117	24.7911	0.00	Estuaries	NA	Santa Margarita Estuary	B2013	Y	SD County	N
B13-8259	33.4589	-117.6977	33	27.5364	-117	41.8640	0.00	Marina	NA	Dana Point Harbor	B2008	Y	RHMP	N
B13-8263	33.4607	-117.7056	33	27.6428	-117	42.3338	0.00	Marina	NA	Dana Point Harbor	B2008	Y	RHMP	Y
B13-8265	33.4609	-117.7023	33	27.6553	-117	42.1379	0.00	Marina	NA	Dana Point Harbor	B2008	Y	RHMP	N
B13-8267	33.4619	-117.7020	33	27.7169	-117	42.1228	0.00	Marina	NA	Dana Point Harbor	B2008	Y	RHMP	N
B13-8269	33.6007	-117.8950	33	36.0401	-117	53.7014	0.00	Marina	NA	Newport Bay	B2013	Y	OCSD	N
B13-8273	33.6094	-117.9048	33	36.5640	-117	54.2856	0.00	Marina	NA	Newport Bay	B2003	Y	OCSD	N
B13-8274	33.6142	-117.9143	33	36.8492	-117	54.8578	0.00	Marina	NA	Newport Bay	B2013	Y	OCSD	N
B13-8275	33.6152	-117.8943	33	36.9123	-117	53.6550	0.00	Marina	Upper Newport Bay SMCA	Upper Newport Bay	B2013	Y	MBC	N
B13-8280	33.6189	-117.9273	33	37.1346	-117	55.6368	0.00	Marina	NA	Newport Bay	B1998	Y	OCSD	N

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B13-8285	33.6333	-117.8877	33	37.9992	-117	53.2632	0.00	Estuaries	Upper Newport Bay SMCA	Upper Newport Bay	B2003	Y	MBC	N
B13-8286	33.6357	-117.9561	33	38.1399	-117	57.3658	0.00	Estuaries	NA	Santa Ana River	B2013	Y	MBC	N
B13-8287	33.6366	-117.9541	33	38.1984	-117	57.2442	0.00	Estuaries	NA	Santa Ana River	B2003	Y	MBC	N
B13-8291	33.6465	-117.8868	33	38.7929	-117	53.2069	0.00	Estuaries	Upper Newport Bay SMCA	Upper Newport Bay	B2013	Y	MBC	N
B13-8292	33.6468	-117.8841	33	38.8092	-117	53.0466	0.00	Estuaries	Upper Newport Bay SMCA	Upper Newport Bay	B2003	Y	MBC	N
B13-8295	33.6865	-118.0363	33	41.1898	-118	2.1786	0.00	Estuaries	Bolsa Chica Basin SMCA (No-Take)	Bolsa Chica Lagoon	B2013	Y	MBC	N
B13-8297	33.6934	-118.0415	33	41.6051	-118	2.4873	0.00	Estuaries	Bolsa Chica Basin SMCA (No-Take)	Bolsa Chica Lagoon	B2013	Y	MBC	N
B13-8298	33.6974	-118.0406	33	41.8438	-118	2.4338	0.00	Estuaries	Bolsa Chica Basin SMCA (No-Take)	Bolsa Chica Lagoon	B2013	Y	MBC	N
B13-8300	33.7070	-118.0560	33	42.4214	-118	3.3584	0.00	Estuaries	Bolsa Bay SMCA	Bolsa Bay	B2013	Y	MBC	N
B13-8302	33.7121	-118.2579	33	42.7230	-118	15.4734	-15.49	Bay	NA	Los Angeles/Long Beach	B2003	Y	POLA/POLB	Y
B13-8304	33.7135	-118.2416	33	42.8106	-118	14.4972	-15.03	Bay	NA	Los Angeles/Long Beach	B1998	Y	POLA/POLB	Y

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B13-8306	33.7146	-118.2833	33	42.8786	-118	16.9968	-2.47	Bay	NA	Los Angeles/Long Beach	B2013	Y	POLA/POLB	Y
B13-8308	33.7171	-118.2437	33	43.0272	-118	14.6248	0.00	Port	NA	Los Angeles/Long Beach	B2013	Y	POLA/POLB	N
B13-8309	33.7172	-118.2677	33	43.0318	-118	16.0635	0.00	Port	NA	Los Angeles/Long Beach	B2013	Y	POLA/POLB	N
B13-8310	33.7178	-118.2331	33	43.0670	-118	13.9840	0.00	Port	NA	Los Angeles/Long Beach	B2013	Y	POLA/POLB	N
B13-8315	33.7238	-118.1527	33	43.4266	-118	9.1605	-16.74	Bay	NA	Los Angeles/Long Beach	B2013	Y	CLAEMD	Y
B13-8316	33.7239	-118.2627	33	43.4322	-118	15.7590	0.00	Port	NA	Los Angeles/Long Beach	B1998	Y	POLA/POLB	N
B13-8318	33.7242	-118.2242	33	43.4526	-118	13.4538	-20.70	Bay	NA	Los Angeles/Long Beach	B2003	Y	POLA/POLB	Y
B13-8319	33.7256	-118.1374	33	43.5359	-118	8.2429	-14.91	Bay	NA	Los Angeles/Long Beach	B2013	Y	CLAEMD	Y
B13-8321	33.7270	-118.0702	33	43.6182	-118	4.2097	0.00	Marina	NA	Huntington Harbor	B2013	Y	MBC	N
B13-8322	33.7276	-118.2129	33	43.6545	-118	12.7767	-23.03	Bay	NA	Los Angeles/Long Beach	B2013	Y	POLA/POLB	Y

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B13-8325	33.7286	-118.1572	33	43.7142	-118	9.4332	-16.61	Bay	NA	Los Angeles/Long Beach	B2003	Y	CLAEMD	Y
B13-8326	33.7291	-118.2338	33	43.7460	-118	14.0280	0.00	Port	NA	Los Angeles/Long Beach	B1998	Y	POLA/POLB	N
B13-8328	33.7309	-118.0817	33	43.8526	-118	4.9006	0.00	Estuaries	NA	Seal Beach	B2013	Y	MBC	N
B13-8333	33.7312	-118.1919	33	43.8708	-118	11.5152	0.00	Port	NA	Los Angeles/Long Beach	B2003	Y	POLA/POLB	N
B13-8337	33.7343	-118.2315	33	44.0556	-118	13.8894	0.00	Port	NA	Los Angeles/Long Beach	B1998	Y	POLA/POLB	N
B13-8338	33.7351	-118.0915	33	44.1061	-118	5.4928	0.00	Port	NA	Anaheim Bay	B2013	Y	MBC	N
B13-8340	33.7354	-118.2767	33	44.1257	-118	16.6032	0.00	Port	NA	Los Angeles/Long Beach	B2013	Y	POLA/POLB	N
B13-8346	33.7389	-118.1445	33	44.3333	-118	8.6716	-12.03	Bay	NA	Los Angeles/Long Beach	B2013	Y	CLAEMD	Y
B13-8349	33.7390	-118.2363	33	44.3410	-118	14.1769	0.00	Port	NA	Los Angeles/Long Beach	B2013	Y	POLA/POLB	N
B13-8350	33.7399	-118.1712	33	44.3952	-118	10.2732	-14.74	Bay	NA	Los Angeles/Long Beach	B1998	Y	CLAEMD	Y

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B13 Station ID	Target Latitude Dec Deg	Target Longitude Dec Deg	Target Latitude Deg	Target Latitude Dec Min	Targget Longitude Degree	Target Longitude Dec Min	GIS Depth	B13 Stratum	MPA ID	Region	Original_Survey	Sed Grab	Agency Sed Grab	Trawl
B13-8351	33.7402	-118.1591	33	44.4121	-118	9.5470	-13.59	Bay	NA	Los Angeles/Long Beach	B2013	Y	CLAEMD	Y
B13-8353	33.7420	-118.1171	33	44.5212	-118	7.0278	0.00	Estuaries	NA	San Gabriel River Estuary	B2003	Y	LACSD	N
B13-8355	33.7423	-118.1530	33	44.5398	-118	9.1806	-11.74	Bay	NA	Los Angeles/Long Beach	B1998	Y	CLAEMD	Y
B13-8356	33.7432	-118.2045	33	44.5943	-118	12.2698	0.00	Port	NA	Los Angeles/Long Beach	B2013	Y	POLA/POLB	N
B13-8358	33.7442	-118.1687	33	44.6520	-118	10.1202	-13.32	Bay	NA	Los Angeles/Long Beach	B2003	Y	CLAEMD	Y
B13-8360	33.7456	-118.2158	33	44.7330	-118	12.9450	0.00	Port	NA	Los Angeles/Long Beach	B2003	Y	POLA/POLB	N
B13-8363	33.7473	-118.2213	33	44.8406	-118	13.2807	0.00	Port	NA	Los Angeles/Long Beach	B2013	Y	POLA/POLB	N
B13-8367	33.7483	-118.2488	33	44.8968	-118	14.9268	0.00	Port	NA	Los Angeles/Long Beach	B2013	Y	POLA/POLB	N
B13-8372	33.7512	-118.1187	33	45.0738	-118	7.1193	0.00	Marina	NA	Alamitos Bay	B2013	Y	MBC	N
B13-8374	33.7527	-118.2177	33	45.1644	-118	13.0638	0.00	Port	NA	Los Angeles/Long Beach	B2003	Y	POLA/POLB	N

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B13-8375	33.7528	-118.1775	33	45.1704	-118	10.6493	-11.10	Bay	NA	Los Angeles/ Long Beach	B2013	Y	CLAEMD	Y
B13-8377	33.7533	-118.2242	33	45.2004	-118	13.4490	0.00	Port	NA	Los Angeles/ Long Beach	B1998	Y	POLA/POLB	N
B13-8378	33.7530	-118.1051	33	45.1794	-118	6.3066	0.00	Estuaries	NA	San Gabriel River	B2003	Y	LACSD	N
B13-8382	33.7553	-118.2301	33	45.3159	-118	13.8040	0.00	Port	NA	Los Angeles/ Long Beach	B2013	Y	POLA/POLB	N
B13-8383	33.7554	-118.1299	33	45.3216	-118	7.7922	0.00	Marina	NA	Alamitos Bay	B2003	Y	MBC	N
B13-8384	33.7566	-118.2770	33	45.3980	-118	16.6223	0.00	Port	NA	Los Angeles/ Long Beach	B2013	Y	POLA/POLB	N
B13-8388	33.7596	-118.1627	33	45.5784	-118	9.7626	-7.15	Bay	NA	Los Angeles/ Long Beach	B1998	Y	CLAEMD	Y
B13-8389	33.7601	-118.1261	33	45.6053	-118	7.5664	0.00	Marina	NA	Alamitos Bay	B2013	Y	MBC	N
B13-8390	33.7610	-118.2021	33	45.6608	-118	12.1267	0.00	Estuaries	NA	Los Angeles River	B2013	Y	MBC	N
B13-8394	33.7658	-118.1036	33	45.9468	-118	6.2130	0.00	Estuaries	NA	Los Alamitos Estuary	B2003	Y	MBC	N
B13-8395	33.7660	-118.1073	33	45.9625	-118	6.4359	0.00	Estuaries	NA	Los Cerritos	B2013	Y	MBC	N
B13-8396	33.7662	-118.2773	33	45.9738	-118	16.6392	0.00	Port	NA	Los Angeles/ Long Beach	B2003	Y	POLA/POLB	N

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B13-8397	33.7668	-118.2491	33	46.0080	-118	14.9454	0.00	Marina	NA	Los Angeles/Long Beach	B2003	Y	POLA/POLB	N
B13-8399	33.7685	-118.2220	33	46.1123	-118	13.3219	0.00	Port	NA	Los Angeles/Long Beach	B2013	Y	POLA/POLB	N
B13-8401	33.7713	-118.2119	33	46.2763	-118	12.7156	0.00	Port	NA	Los Angeles/Long Beach	B2013	Y	POLA/POLB	N
B13-8403	33.7807	-118.2059	33	46.8438	-118	12.3510	0.00	Estuaries	NA	Los Angeles River	B2003	Y	MBC	N
B13-8407	33.9643	-118.4535	33	57.8580	-118	27.2070	0.00	Marina	NA	Marina del Rey	B2003	Y	CLAEMD	N
B13-8409	33.9703	-118.4482	33	58.2186	-118	26.8920	0.00	Marina	NA	Marina del Rey	B1998	Y	CLAEMD	N
B13-8411	33.9713	-118.4396	33	58.2804	-118	26.3754	0.00	Estuaries	NA	Ballona Creek	B2003	Y	MBC	N
B13-8413	33.9761	-118.4465	33	58.5650	-118	26.7902	0.00	Marina	NA	Marina del Rey	B2013	Y	CLAEMD	N
B13-8417	33.9833	-118.4506	33	58.9986	-118	27.0330	0.00	Marina	NA	Marina del Rey	B1998	Y	CLAEMD	N
B13-8419	34.1008	-119.0874	34	6.0470	-119	5.2434	0.00	Estuaries	NA	Mugu Lagoon south	B2013	Y	MBC	N
B13-8421	34.1127	-119.0841	34	6.7619	-119	5.0436	0.00	Estuaries	NA	Mugu Lagoon south	B2013	Y	MBC	N
B13-8425	34.1712	-119.2235	34	10.2720	-119	13.4100	0.00	Marina	NA	Channel Islands Harbor	B1998	Y	ABC	N
B13-8426	34.1730	-119.2235	34	10.3784	-119	13.4074	0.00	Marina	NA	Channel Islands Harbor	B2013	Y	SCCWRP	N
B13-8430	34.2442	-119.2649	34	14.6524	-119	15.8926	0.00	Marina	NA	Ventura Harbor	B2013	Y	SCCWRP	N

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B13-8431	34.4044	-119.6890	34	24.2625	-119	41.3419	0.00	Marina	NA	Santa Barbara	B2013	Y	SCCWRP	N
B13-9001	32.5168	-117.3083	32	31.0089	-117	18.4987	-268.71	Upper Slope	NA	San Diego Slope	B2013	Y	CSD	N
B13-9002	32.5218	-117.3550	32	31.3078	-117	21.2981	-356.37	Upper Slope	NA	San Diego Slope	B2013	Y	CSD	N
B13-9005	32.5376	-117.1551	32	32.2565	-117	9.3068	-19.46	Inner Shelf	NA	South San Diego Shelf	B2013	Y	CSD	Y
B13-9006	32.5492	-117.1408	32	32.9541	-117	8.4464	-14.99	MPA	Tijuana River Mouth SMCA	Tijuana River Mouth SMCA	B2013	N	NA	Y
B13-9007	32.5508	-117.1993	32	33.0486	-117	11.9586	-35.01	Mid Shelf	NA	South San Diego Shelf	B2003	Y	CSD	Y
B13-9008	32.5511	-117.1499	32	33.0660	-117	8.9914	-17.28	MPA	Tijuana River Mouth SMCA	Tijuana River Mouth SMCA	B2013	N	NA	Y
B13-9009	32.5538	-117.4114	32	33.2269	-117	24.6821	-666.96	Lower Slope	NA	San Diego Slope	B2013	Y	CSD	N
B13-9011	32.5857	-117.3411	32	35.1402	-117	20.4660	-185.45	Outer Shelf	NA	South San Diego Shelf	B2003	Y	CSD	Y
B13-9012	32.5894	-117.2636	32	35.3628	-117	15.8166	-57.93	Mid Shelf	NA	South San Diego Shelf	B1998	Y	CSD	Y
B13-9013	32.5977	-117.3513	32	35.8620	-117	21.0750	-181.38	Outer Shelf	NA	South San Diego Shelf	B2003	N	NA	Y
B13-9017	32.6299	-117.2493	32	37.7910	-117	14.9557	-26.03	Inner Shelf	NA	South San Diego Shelf	B2013	Y	CSD	Y
B13-9019	32.6434	-117.4277	32	38.6060	-117	25.6602	-152.28	Outer Shelf	NA	South San Diego Shelf	B2013	Y	CSD	Y
B13-9021	32.6600	-117.4118	32	39.6011	-117	24.7054	-347.63	Upper Slope	NA	San Diego Slope	B2013	Y	CSD	N

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B13-9022	32.6608	-117.3894	32	39.6486	-117	23.3668	-276.89	Upper Slope	NA	San Diego Slope	B2013	Y	CSD	N
B13-9023	32.6701	-117.4209	32	40.2038	-117	25.2548	-429.73	Upper Slope	NA	San Diego Slope	B2013	Y	CSD	Y
B13-9025	32.6728	-117.2992	32	40.3705	-117	17.9521	-77.75	Mid Shelf	NA	South San Diego Shelf	B2013	Y	CSD	Y
B13-9026	32.6939	-117.3958	32	41.6310	-117	23.7492	-381.13	Upper Slope	NA	San Diego Slope	B2003	Y	CSD	Y
B13-9028	32.6952	-117.3668	32	41.7149	-117	22.0105	-274.62	Upper Slope	NA	San Diego Slope	B2013	Y	CSD	N
B13-9029	32.6984	-117.4874	32	41.9011	-117	29.2460	-374.63	Upper Slope	NA	San Diego Slope	B2013	Y	CSD	N
B13-9030	32.7010	-117.4401	32	42.0590	-117	26.4062	-521.88	Lower Slope	NA	San Diego Slope	B2013	Y	CSD	N
B13-9033	32.7374	-117.4084	32	44.2455	-117	24.5041	-425.78	Upper Slope	NA	San Diego Slope	B2013	Y	CSD	N
B13-9035	32.7415	-117.4270	32	44.4894	-117	25.6170	-465.06	Upper Slope	NA	San Diego Slope	B2003	Y	CSD	Y
B13-9036	32.7594	-117.4221	32	45.5661	-117	25.3270	-454.58	Upper Slope	NA	San Diego Slope	B2013	Y	CSD	N
B13-9037	32.7638	-117.3198	32	45.8298	-117	19.1906	-69.01	Mid Shelf	NA	South San Diego Shelf	B2013	Y	CSD	Y
B13-9040	32.7813	-117.2693	32	46.8808	-117	16.1580	-17.62	Inner Shelf	NA	South San Diego Shelf	B2013	Y	CSD	Y
B13-9041	32.7873	-117.5548	32	47.2363	-117	33.2873	-936.44	Lower Slope	NA	San Diego Slope	B2013	Y	CSD	N
B13-9045	32.8029	-117.2681	32	48.1722	-117	16.0837	-7.87	MPA	South La Jolla SMR	South La Jolla	B2013	Y	CSD	N
B13-9047	32.8152	-117.4525	32	48.9144	-117	27.1478	-669.03	Lower Slope	NA	San Diego Slope	B2013	Y	CSD	N
B13-9049	32.8200	-117.3393	32	49.2011	-117	20.3582	-82.71	MPA	South La Jolla SMCA	South La Jolla	B2013	Y	CSD	Y
B13-9052	32.8237	-117.3412	32	49.4245	-117	20.4727	-86.20	MPA	South La Jolla SMCA	South La Jolla	B2013	N	NA	Y

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B13 Station ID	Target Latitude Dec Deg	Target Longitude Dec Deg	Target Latitude Deg	Target Latitude Dec Min	Target Longitude Degree	Target Longitude Dec Min	GIS Depth	B13 Stratum	MPA ID	Region	Original_Survey	Sed Grab	Agency Sed Grab	Trawl
B13-9053	32.8254	-117.3660	32	49.5264	-117	21.9594	-192.59	Outer Shelf	NA	South San Diego Shelf	B2003	N	NA	Y
B13-9055	32.8291	-117.3779	32	49.7470	-117	22.6738	-274.45	Upper Slope	NA	San Diego Slope	B2013	Y	CSD	N
B13-9056	32.8315	-117.3591	32	49.8893	-117	21.5482	-144.12	Outer Shelf	NA	South San Diego Shelf	B2013	Y	CSD	Y
B13-9057	32.8510	-117.4107	32	51.0576	-117	24.6408	-530.02	Lower Slope	NA	San Diego Slope	B2003	Y	CSD	N
B13-9059	32.8592	-117.2667	32	51.5540	-117	16.0021	-22.69	MPA	Matlahuayl SMR	Matlahuayl	B2013	Y	CSD	N
B13-9060	32.8625	-117.4476	32	51.7514	-117	26.8570	-609.85	Lower Slope	NA	San Diego Slope	B2013	Y	CSD	N
B13-9068	32.8839	-117.2832	32	53.0363	-117	16.9915	-257.18	Upper Slope	NA	San Diego Slope	B2013	Y	CSD	Y
B13-9069	32.8888	-117.5376	32	53.3264	-117	32.2563	-834.92	Canyon Bottom	NA	La Jolla Canyon	B2013	Y	CSD	N
B13-9071	32.9024	-117.5052	32	54.1436	-117	30.3139	-808.55	Canyon Bottom	NA	La Jolla Canyon	B2013	Y	CSD	N
B13-9073	32.9101	-117.2977	32	54.6089	-117	17.8640	-183.29	Outer Shelf	NA	South San Diego Shelf	B2013	Y	CSD	Y
B13-9076	32.9160	-117.3636	32	54.9621	-117	21.8181	-550.83	Canyon Bottom	NA	La Jolla Canyon	B2013	Y	CSD	N
B13-9084	32.9318	-117.3948	32	55.9080	-117	23.6898	-559.60	Lower Slope	NA	San Diego Slope	B2003	Y	CSD	N
B13-9085	32.9325	-117.5346	32	55.9515	-117	32.0749	-801.90	Lower Slope	NA	San Diego Slope	B2013	Y	CSD	N
B13-9087	33.0030	-117.2981	33	0.1792	-117	17.8880	-31.17	MPA	Swami's SMCA	Swami's	B2013	Y	CSD	N
B13-9091	33.0182	-117.3405	33	1.0939	-117	20.4315	-245.35	MPA	Swami's SMCA	Swami's	B2013	Y	CSD	Y
B13-9092	33.0269	-117.3367	33	1.6115	-117	20.1997	-168.99	MPA	Swami's SMCA	Swami's	B2013	Y	CSD	Y
B13-9093	33.0324	-117.6692	33	1.9452	-117	40.1544	-852.86	Lower Slope	NA	San Diego Slope	B2003	Y	CSD	N
B13-9094	33.0338	-117.3173	33	2.0302	-117	19.0357	-53.59	MPA	Swami's SMCA	Swami's	B2013	N	NA	Y

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B13-9095	33.0389	-117.5026	33	2.3361	-117	30.1541	-676.87	Canyon Bottom	NA	Carlsbad Canyon	B2013	Y	CSD	N
B13-9099	33.0637	-117.4904	33	3.8195	-117	29.4247	-621.83	Canyon Bottom	NA	Carlsbad Canyon	B2013	Y	CSD	N
B13-9100	33.0666	-117.3675	33	3.9944	-117	22.0489	-194.63	Outer Shelf	NA	North San Diego Shelf	B2013	Y	CSD	Y
B13-9104	33.0834	-117.3427	33	5.0060	-117	20.5591	-61.79	Mid Shelf	NA	North San Diego Shelf	B2013	Y	CSD	Y
B13-9105	33.0881	-117.3510	33	5.2842	-117	21.0588	-73.65	Mid Shelf	NA	North San Diego Shelf	B2003	Y	CSD	Y
B13-9106	33.0911	-117.4328	33	5.4664	-117	25.9697	-484.60	Canyon Bottom	NA	Carlsbad Canyon	B2013	Y	CSD	N
B13-9107	33.0938	-117.4172	33	5.6250	-117	25.0290	-396.74	Upper Slope	NA	San Diego Slope	B2003	Y	CSD	Y
B13-9109	33.1020	-117.6309	33	6.1194	-117	37.8552	-784.22	Lower Slope	NA	San Diego Slope	B2003	Y	CSD	N
B13-9111	33.1051	-117.3619	33	6.3078	-117	21.7146	-84.08	Mid Shelf	NA	North San Diego Shelf	B1998	Y	CSD	Y
B13-9122	33.1878	-117.4953	33	11.2680	-117	29.7185	-265.33	Upper Slope	NA	San Diego Slope	B2013	Y	OCSA	Y
B13-9125	33.2207	-117.5120	33	13.2414	-117	30.7212	-197.79	Outer Shelf	NA	North San Diego Shelf	B2003	Y	OCSA	Y
B13-9129	33.2655	-117.5339	33	15.9318	-117	32.0358	-63.66	Mid Shelf	NA	North San Diego Shelf	B2003	Y	OCSA	Y
B13-9130	33.2688	-117.5394	33	16.1293	-117	32.3653	-65.03	Mid Shelf	NA	North San Diego Shelf	B2013	Y	OCSA	Y
B13-9131	33.2699	-117.5649	33	16.1946	-117	33.8910	-81.06	Mid Shelf	NA	North San Diego Shelf	B2003	Y	OCSA	Y
B13-9132	33.2742	-118.0859	33	16.4502	-118	5.1528	-860.84	Lower Slope	NA	Orange Slope	B2003	Y	OCSA	N

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B13-9133	33.3175	-118.1601	33	19.0500	-118	9.6054	-801.18	Lower Slope	NA	Orange Slope	B2003	Y	OCSO	N
B13-9135	33.3527	-117.5635	33	21.1633	-117	33.8093	-12.76	Inner Shelf	NA	North San Diego Shelf	B2013	Y	OCSO	Y
B13-9137	33.3696	-117.6899	33	22.1789	-117	41.3917	-420.42	Upper Slope	NA	San Diego Slope	B2013	Y	OCSO	Y
B13-9140	33.4185	-118.0225	33	25.1070	-118	1.3506	-338.03	Upper Slope	NA	Orange Shelf	B2003	Y	OCSO	Y
B13-9148	33.4639	-118.3947	33	27.8322	-118	23.6808	-589.70	Lower Slope	NA	San Pedro Channel	B2003	Y	LACSD	N
B13-9149	33.4642	-117.9191	33	27.8508	-117	55.1484	-569.28	Lower Slope	NA	Orange Slope	B2003	Y	OCSO	N
B13-9150	33.4644	-117.7625	33	27.8664	-117	45.7476	-162.61	Outer Shelf	NA	Orange Shelf	B2003	Y	OCSO	N
B13-9151	33.4647	-118.0663	33	27.8800	-118	3.9795	-589.77	Canyon Bottom	NA	San Gabriel Canyon	B2013	Y	OCSO	N
B13-9152	33.4743	-117.7366	33	28.4561	-117	44.1974	-29.28	MPA	Dana Point SMCA	Dana Point	B2013	Y	OCSO	Y
B13-9155	33.4869	-118.4235	33	29.2110	-118	25.4124	-909.55	Lower Slope	NA	San Pedro Channel	B2003	Y	LACSD	N
B13-9159	33.5006	-117.7537	33	30.0338	-117	45.2200	-25.39	MPA	Dana Point SMCA	Dana Point	B2013	Y	OCSO	Y
B13-9160	33.5037	-117.9159	33	30.2197	-117	54.9513	-511.12	Canyon Bottom	NA	Newport Canyon	B2013	Y	OCSO	N
B13-9161	33.5051	-117.7731	33	30.3035	-117	46.3879	-52.63	MPA	Laguna Beach SMCA (No-Take)	Laguna Beach	B2013	Y	OCSO	Y
B13-9163	33.5079	-117.8141	33	30.4751	-117	48.8479	-446.62	MPA	Laguna Beach SMCA (No-Take)	Laguna Beach	B2013	Y	OCSO	Y
B13-9168	33.5141	-117.7794	33	30.8486	-117	46.7657	-52.56	MPA	Laguna Beach SMR	Laguna Beach	B2013	N	NA	Y

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B13 Station ID	Target Latitude Dec Deg	Target Longitude Dec Deg	Target Latitude Deg	Target Latitude Dec Min	Target Longitude Degree	Target Longitude Dec Min	GIS Depth	B13 Stratum	MPA ID	Region	Original_Survey	Sed Grab	Agency Sed Grab	Trawl
B13-9170	33.5155	-118.0768	33	30.9301	-118	4.6077	-494.97	Canyon Bottom	NA	San Gabriel Canyon	B2013	Y	OCS D	N
B13-9171	33.5214	-117.7698	33	31.2840	-117	46.1880	-15.99	Inner Shelf	Laguna Beach SMR	Orange Shelf	B1998	Y	OCS D	Y
B13-9173	33.5246	-117.7953	33	31.4733	-117	47.7201	-62.15	MPA	Laguna Beach SMR	Laguna Beach	B2013	Y	OCS D	Y
B13-9174	33.5369	-117.8485	33	32.2116	-117	50.9088	-356.15	Upper Slope	NA	Orange Shelf	B2003	Y	OCS D	Y
B13-9176	33.5479	-117.8529	33	32.8739	-117	51.1752	-214.59	Outer Shelf	NA	Orange Shelf	B2008	N	NA	Y
B13-9177	33.5483	-117.8250	33	32.8987	-117	49.4970	-56.06	MPA	Crystal Cove SMCA	Crystal Cove	B2013	Y	OCS D	Y
B13-9178	33.5536	-117.9289	33	33.2186	-117	55.7346	-366.85	Canyon Bottom	NA	Newport Canyon	B2013	Y	OCS D	N
B13-9185	33.5647	-118.0184	33	33.8813	-118	1.1064	-154.82	Outer Shelf	NA	San Pedro Shelf	B2013	Y	OCS D	Y
B13-9186	33.5654	-117.8470	33	33.9238	-117	50.8228	-46.15	MPA	Crystal Cove SMCA	Crystal Cove	B2013	Y	OCS D	N
B13-9187	33.5682	-117.8566	33	34.0934	-117	51.3951	-54.40	MPA	Crystal Cove SMCA	Crystal Cove	B2013	N	NA	Y
B13-9190	33.5793	-118.3289	33	34.7574	-118	19.7328	-690.25	Lower Slope	NA	San Pedro Channel	B2003	Y	LACSD	N
B13-9192	33.5809	-117.8685	33	34.8514	-117	52.1076	-26.38	MPA	Crystal Cove SMCA	Crystal Cove	B2013	Y	OCS D	Y
B13-9193	33.5843	-118.1132	33	35.0559	-118	6.7897	-164.32	Canyon Bottom	NA	San Gabriel Canyon	B2013	Y	OCS D	N
B13-9194	33.5898	-117.8947	33	35.3855	-117	53.6811	-36.09	Mid Shelf	NA	Orange Shelf	B2013	Y	OCS D	Y
B13-9197	33.6001	-117.9329	33	36.0047	-117	55.9755	-64.60	Canyon Bottom	NA	Newport Canyon	B2013	Y	OCS D	N

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B13 Station ID	Target Latitude Dec Deg	Target Longitude Dec Deg	Target Latitude Deg	Target Latitude Dec Min	Target Longitude Degree	Target Longitude Dec Min	GIS Depth	B13 Stratum	MPA ID	Region	Original_Survey	Sed Grab	Agency Sed Grab	Trawl
B13-9199	33.6019	-118.0565	33	36.1110	-118	3.3882	-39.40	Mid Shelf	NA	San Pedro Shelf	B1998	Y	OCSO	Y
B13-9201	33.6132	-118.7198	33	36.7920	-118	43.1850	-746.29	Lower Slope	NA	Santa Monica Basin	B2003	Y	LACSD	N
B13-9202	33.6211	-118.1951	33	37.2630	-118	11.7042	-43.17	Mid Shelf	NA	San Pedro Shelf	B2003	Y	LACSD	Y
B13-9204	33.6278	-117.9872	33	37.6680	-117	59.2320	-14.80	Inner Shelf	NA	San Pedro Shelf	B1998	Y	OCSO	Y
B13-9205	33.6308	-118.2674	33	37.8501	-118	16.0416	-253.91	Canyon Bottom	NA	San Pedro Valley	B2013	Y	LACSD	N
B13-9207	33.6378	-118.3028	33	38.2704	-118	18.1650	-603.53	Lower Slope	NA	San Pedro Channel	B2003	Y	LACSD	N
B13-9210	33.6391	-118.3424	33	38.3434	-118	20.5469	-714.73	Canyon Bottom	NA	San Pedro Valley	B2013	Y	LACSD	N
B13-9211	33.6403	-118.3373	33	38.4153	-118	20.2408	-708.53	Canyon Bottom	NA	San Pedro Valley	B2013	Y	LACSD	N
B13-9214	33.6430	-118.0784	33	38.5800	-118	4.7010	-28.49	Inner Shelf	NA	San Pedro Shelf	B2003	Y	OCSO	Y
B13-9217	33.6480	-118.1495	33	38.8800	-118	8.9700	-31.56	Mid Shelf	NA	San Pedro Shelf	B1998	Y	LACSD	Y
B13-9219	33.6545	-118.0584	33	39.2699	-118	3.5027	-19.90	Inner Shelf	NA	San Pedro Shelf	B2013	Y	OCSO	Y
B13-9221	33.6596	-118.1307	33	39.5736	-118	7.8390	-28.71	Inner Shelf	NA	San Pedro Shelf	B2003	Y	LACSD	Y
B13-9223	33.6759	-118.3325	33	40.5524	-118	19.9483	-465.18	Upper Slope	NA	Palos Verdes Shelf	B2013	Y	LACSD	Y
B13-9225	33.6869	-118.5210	33	41.2147	-118	31.2604	-806.85	Canyon Bottom	NA	Redondo Canyon	B2013	Y	LACSD	N
B13-9228	33.6941	-118.3465	33	41.6454	-118	20.7906	-278.22	Upper Slope	NA	Palos Verdes Shelf	B2003	Y	LACSD	Y
B13-9229	33.6954	-118.2962	33	41.7246	-118	17.7696	-28.37	Inner Shelf	NA	Palos Verdes Shelf	B2003	Y	LACSD	Y

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B13 Station ID	Target Latitude Dec Deg	Target Longitude Dec Deg	Target Latitude Deg	Target Latitude Dec Min	Target Longitude Degree	Target Longitude Dec Min	GIS Depth	B13 Stratum	MPA ID	Region	Original_Survey	Sed Grab	Agency Sed Grab	Trawl
B13-9231	33.6981	-118.4327	33	41.8833	-118	25.9619	-805.43	MPA	Point Vicente SMCA (No-Take)	Point Vicente	B2013	Y	LACSD	N
B13-9235	33.7034	-118.3975	33	42.2011	-118	23.8497	-485.89	MPA	Point Vicente SMCA (No-Take)	Point Vicente	B2013	N	NA	Y
B13-9236	33.7112	-118.4587	33	42.6724	-118	27.5233	-794.94	MPA	Point Vicente SMCA (No-Take)	Point Vicente	B2013	Y	LACSD	N
B13-9237	33.7214	-118.4179	33	43.2847	-118	25.0753	-303.07	MPA	Point Vicente SMCA (No-Take)	Point Vicente	B2013	Y	LACSD	Y
B13-9239	33.7227	-118.1553	33	43.3595	-118	9.3155	-17.25	Inner Shelf	NA	San Pedro Shelf	B2013	Y	CLAEMD	Y
B13-9241	33.7256	-118.4561	33	43.5388	-118	27.3635	-765.60	MPA	Point Vicente SMCA (No-Take)	Point Vicente	B2013	Y	LACSD	N
B13-9245	33.7330	-118.1215	33	43.9800	-118	7.2900	-8.83	Inner Shelf	NA	San Pedro Shelf	B1998	Y	CLAEMD	Y
B13-9246	33.7364	-118.5280	33	44.1836	-118	31.6775	-725.91	Canyon Bottom	NA	Redondo Canyon	B2013	Y	LACSD	N
B13-9250	33.7602	-118.5410	33	45.6120	-118	32.4580	-649.60	Canyon Bottom	NA	Redondo Canyon	B2013	Y	LACSD	N
B13-9251	33.7668	-118.4605	33	46.0092	-118	27.6288	-135.93	Outer Shelf	NA	Santa Monica Bay	B2003	Y	LACSD	Y
B13-9257	33.8295	-118.4013	33	49.7692	-118	24.0757	-22.23	Inner Shelf	NA	Santa Monica Bay	B2013	Y	CLAEMD	Y
B13-9259	33.8324	-118.6488	33	49.9458	-118	38.9286	-678.08	Lower Slope	NA	Santa Monica Basin	B2003	Y	CLAEMD	N

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B13 Station ID	Target Latitude Dec Deg	Target Longitude Dec Deg	Target Latitude Deg	Target Latitude Dec Min	Target Longitude Degree	Target Longitude Dec Min	GIS Depth	B13 Stratum	MPA ID	Region	Original_Survey	Sed Grab	Agency Sed Grab	Trawl
B13-9260	33.8355	-118.4698	33	50.1276	-118	28.1892	-95.71	Mid Shelf	NA	Santa Monica Bay	B2003	Y	CLAEMD	Y
B13-9261	33.8355	-118.5675	33	50.1329	-118	34.0514	-150.62	Outer Shelf	NA	Santa Monica Bay	B2013	Y	CLAEMD	Y
B13-9263	33.8480	-118.5679	33	50.8776	-118	34.0728	-83.27	Mid Shelf	NA	Santa Monica Bay	B2003	Y	CLAEMD	N
B13-9264	33.8512	-118.4557	33	51.0717	-118	27.3434	-75.65	Mid Shelf	NA	Santa Monica Bay	B2013	Y	CLAEMD	Y
B13-9265	33.8526	-119.1942	33	51.1554	-119	11.6526	-845.84	Lower Slope	NA	Hueneme to Dume	B2003	Y	LACSD	N
B13-9266	33.8604	-118.4481	33	51.6228	-118	26.8830	-63.11	Mid Shelf	NA	Santa Monica Bay	B2003	Y	CLAEMD	Y
B13-9267	33.8608	-118.5592	33	51.6502	-118	33.5501	-77.72	Mid Shelf	NA	Santa Monica Bay	B2013	Y	CLAEMD	Y
B13-9274	33.9128	-119.9476	33	54.7686	-119	56.8560	-69.91	Channel Islands	NA	North Channel Islands	B1998	Y	SCCWRP	N
B13-9277	33.9186	-118.5634	33	55.1134	-118	33.8064	-182.53	Canyon Bottom	NA	Santa Monica Canyon	B2013	Y	CLAEMD	N
B13-9281	33.9210	-118.6501	33	55.2617	-118	39.0067	-448.18	Canyon Bottom	NA	Santa Monica Canyon	B2013	Y	CLAEMD	N
B13-9283	33.9287	-118.4828	33	55.7202	-118	28.9692	-37.29	Mid Shelf	NA	Santa Monica Bay	B2003	N	NA	Y
B13-9284	33.9341	-118.8966	33	56.0448	-118	53.7930	-837.01	Lower Slope	NA	Hueneme to Dume	B2003	Y	ABC	N
B13-9285	33.9348	-118.5532	33	56.0863	-118	33.1949	-100.27	Canyon Bottom	NA	Santa Monica Canyon	B2013	Y	CLAEMD	N

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B13 Station ID	Target Latitude Dec Deg	Target Longitude Dec Deg	Target Latitude Deg	Target Latitude Dec Min	Target Longitude Degree	Target Longitude Dec Min	GIS Depth	B13 Stratum	MPA ID	Region	Original_Survey	Sed Grab	Agency Sed Grab	Trawl
B13-9287	33.9355	-118.5921	33	56.1304	-118	35.5273	-204.10	Outer Shelf	NA	Santa Monica Bay	B2013	Y	CLAEMD	Y
B13-9290	33.9409	-118.8453	33	56.4539	-118	50.7182	-731.42	Canyon Bottom	NA	Dume Canyon	B2013	Y	ABC	N
B13-9292	33.9437	-118.5198	33	56.6232	-118	31.1868	-49.84	Mid Shelf	NA	Santa Monica Bay	B1998	Y	CLAEMD	Y
B13-9295	33.9500	-118.8373	33	57.0005	-118	50.2407	-698.95	Canyon Bottom	NA	Dume Canyon	B2013	Y	ABC	N
B13-9300	33.9571	-118.5930	33	57.4266	-118	35.5818	-156.13	Outer Shelf	NA	Santa Monica Bay	B2003	N	NA	Y
B13-9303	33.9625	-118.4762	33	57.7500	-118	28.5720	-18.00	Inner Shelf	NA	Santa Monica Bay	B1998	Y	CLAEMD	Y
B13-9304	33.9652	-119.8526	33	57.9096	-119	51.1560	-16.65	Channel Islands	Gull Island (Santa Cruz Island) SMR	North Channel Islands	B1998	Y	SCCWRP	N
B13-9305	33.9662	-118.8117	33	57.9725	-118	48.7031	-564.27	Canyon Bottom	Point Dume SMR	Dume Canyon	B2013	Y	CLAEMD	N
B13-9307	33.9686	-119.0701	33	58.1153	-119	4.2074	-751.95	Canyon Bottom	NA	Mugu Canyon	B2013	Y	LACSD	N
B13-9309	33.9774	-118.8764	33	58.6452	-118	52.5836	-493.36	Upper Slope	NA	Hueneme to Dume	B2013	Y	Weston	Y
B13-9310	33.9820	-118.8146	33	58.9210	-118	48.8776	-180.45	Outer Shelf	Point Dume SMR	Hueneme to Dume	B2013	Y	CLAEMD	N
B13-9311	33.9825	-118.8024	33	58.9477	-118	48.1443	-462.18	MPA	Point Dume SMR	Point Dume	B2013	Y	CLAEMD	N
B13-9312	33.9835	-118.8272	33	59.0077	-118	49.6331	-248.15	MPA	Point Dume SMCA	Point Dume	B2013	N	NA	Y

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B13 Station ID	Target Latitude Dec Deg	Target Longitude Dec Deg	Target Latitude Deg	Target Latitude Dec Min	Target Longitude Degree	Target Longitude Dec Min	GIS Depth	B13 Stratum	MPA ID	Region	Original_Survey	Sed Grab	Agency Sed Grab	Trawl
B13-9314	33.9915	-118.8570	33	59.4929	-118	51.4219	-172.70	MPA	Point Dume SMCA	Point Dume	B2013	Y	ABC	Y
B13-9315	33.9946	-120.3374	33	59.6766	-120	20.2416	-74.25	Channel Islands	NA	North Channel Islands	B2003	Y	SCCWRP	N
B13-9319	33.9974	-118.4918	33	59.8462	-118	29.5094	-9.76	Inner Shelf	NA	Santa Monica Bay	B2013	Y	CLAEMD	Y
B13-9320	33.9992	-118.8689	33	59.9503	-118	52.1320	-96.90	MPA	Point Dume SMCA	Point Dume	B2013	Y	ABC	Y
B13-9321	34.0004	-118.8151	34	0.0253	-118	48.9046	-45.05	MPA	Point Dume SMR	Point Dume	B2013	Y	SCCWRP	Y
B13-9323	34.0013	-118.8244	34	0.0753	-118	49.4667	-39.52	MPA	Point Dume SMCA	Point Dume	B2013	Y	SCCWRP	Y
B13-9324	34.0024	-118.9180	34	0.1460	-118	55.0780	-118.49	Outer Shelf	NA	Hueneme to Dume	B2008	N	NA	Y
B13-9325	34.0046	-119.0560	34	0.2752	-119	3.3574	-188.34	Outer Shelf	NA	Hueneme to Dume	B2013	N	NA	Y
B13-9326	34.0051	-118.7666	34	0.3053	-118	45.9976	-40.59	Mid Shelf	NA	Santa Monica Bay	B2013	Y	CLAEMD	Y
B13-9329	34.0115	-120.4746	34	0.6870	-120	28.4760	-98.86	Channel Islands	NA	North Channel Islands	B1998	Y	SCCWRP	N
B13-9331	34.0132	-118.6702	34	0.7919	-118	40.2113	-45.21	Mid Shelf	NA	Santa Monica Bay	B2013	Y	CLAEMD	Y
B13-9332	34.0137	-119.0945	34	0.8222	-119	5.6728	-648.16	Canyon Bottom	NA	Mugu Canyon	B2013	Y	LACSD	N
B13-9336	34.0195	-118.7430	34	1.1687	-118	44.5829	-23.96	Inner Shelf	NA	Santa Monica Bay	B2013	Y	CLAEMD	Y
B13-9338	34.0214	-119.2264	34	1.2835	-119	13.5834	-590.60	Canyon Bottom	NA	Hueneme Canyon	B2013	Y	LACSD	N

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B13 Station ID	Target Latitude Dec Deg	Target Longitude Dec Deg	Target Latitude Deg	Target Latitude Dec Min	Target Longitude Degree	Target Longitude Dec Min	GIS Depth	B13 Stratum	MPA ID	Region	Original_Survey	Sed Grab	Agency Sed Grab	Trawl
B13-9339	34.0220	-118.8674	34	1.3228	-118	52.0413	-42.81	MPA	Point Dume SMCA	Point Dume	B2013	Y	ABC	Y
B13-9341	34.0232	-118.5928	34	1.3926	-118	35.5692	-24.04	Inner Shelf	NA	Santa Monica Bay	B1998	Y	CLAEMD	Y
B13-9343	34.0310	-119.4229	34	1.8606	-119	25.3740	-82.80	Channel Islands	Anacapa Island SMCA	North Channel Islands	B1998	Y	SCCWRP	N
B13-9345	34.0342	-119.3516	34	2.0502	-119	21.0960	-82.53	Channel Islands	NA	North Channel Islands	B2003	Y	SCCWRP	N
B13-9346	34.0366	-118.9169	34	2.1978	-118	55.0110	-15.13	Inner Shelf	NA	Hueneme to Dume	B2003	Y	ABC	Y
B13-9347	34.0398	-119.2346	34	2.3896	-119	14.0756	-536.84	Canyon Bottom	NA	Hueneme Canyon	B2013	Y	LACSD	N
B13-9348	34.0411	-119.1972	34	2.4684	-119	11.8326	-395.07	Upper Slope	NA	Hueneme to Dume	B2003	Y	LACSD	Y
B13-9350	34.0441	-119.0556	34	2.6436	-119	3.3348	-211.92	Outer Shelf	NA	Hueneme to Dume	B2003	Y	LACSD	Y
B13-9351	34.0455	-120.4901	34	2.7288	-120	29.4060	-76.98	Channel Islands	Richardson Rock (San Miguel Island) SMR	North Channel Islands	B1998	Y	SCCWRP	N
B13-9354	34.0508	-119.2158	34	3.0509	-119	12.9452	-236.41	Upper Slope	NA	Hueneme to Dume	B2013	Y	LACSD	Y
B13-9356	34.0538	-119.1490	34	3.2276	-119	8.9380	-123.78	Outer Shelf	NA	Hueneme to Dume	B2013	Y	ABC	Y
B13-9357	34.0587	-119.4967	34	3.5220	-119	29.8020	-82.38	Channel Islands	NA	North Channel Islands	B1998	Y	SCCWRP	N
B13-9359	34.0666	-119.1344	34	3.9960	-119	8.0640	-201.61	Outer Shelf	NA	Hueneme to Dume	B2003	Y	ABC	N

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B13 Station ID	Target Latitude Dec Deg	Target Longitude Dec Deg	Target Latitude Deg	Target Latitude Dec Min	Target Longitude Degree	Target Longitude Dec Min	GIS Depth	B13 Stratum	MPA ID	Region	Original_Survey	Sed Grab	Agency Sed Grab	Trawl
B13-9360	34.0666	-119.5889	34	3.9966	-119	35.3340	-88.62	Channel Islands	Scorpion (Santa Cruz Island) SMR	North Channel Islands	B1998	Y	SCCWRP	N
B13-9363	34.0754	-119.7485	34	4.5240	-119	44.9118	-87.71	Channel Islands	NA	North Channel Islands	B2003	Y	SCCWRP	N
B13-9365	34.0788	-119.5101	34	4.7256	-119	30.6030	-135.68	Channel Islands	NA	North Channel Islands	B2003	Y	SCCWRP	N
B13-9366	34.0790	-119.7012	34	4.7376	-119	42.0714	-90.97	Channel Islands	NA	North Channel Islands	B2003	Y	SCCWRP	N
B13-9369	34.0830	-119.0949	34	4.9820	-119	5.6940	-159.23	Canyon Bottom	NA	Mugu Canyon	B2013	Y	Weston	N
B13-9371	34.0908	-119.2390	34	5.4503	-119	14.3388	-336.02	Canyon Bottom	NA	Hueneme Canyon	B2013	Y	Weston	N
B13-9372	34.1011	-119.1508	34	6.0672	-119	9.0492	-14.93	Inner Shelf	NA	Hueneme to Dume	B2003	Y	ABC	Y
B13-9373	34.1016	-120.1424	34	6.0978	-120	8.5434	-101.63	Channel Islands	NA	North Channel Islands	B2003	Y	SCCWRP	N
B13-9374	34.1072	-119.3190	34	6.4302	-119	19.1412	-195.28	Outer Shelf	NA	East Santa Barbara Channel	B2003	N	NA	Y
B13-9375	34.1104	-119.2216	34	6.6234	-119	13.2960	-162.91	Outer Shelf	NA	Hueneme to Dume	B2003	Y	ABC	N
B13-9376	34.1130	-120.0260	34	6.7800	-120	1.5588	-110.93	Channel Islands	NA	North Channel Islands	B2003	Y	SCCWRP	N
B13-9377	34.1137	-119.1805	34	6.8227	-119	10.8275	-17.27	Inner Shelf	NA	Hueneme to Dume	B2013	Y	ABC	Y
B13-9378	34.1156	-119.9362	34	6.9360	-119	56.1696	-102.06	Channel Islands	NA	North Channel Islands	B2003	Y	SCCWRP	N
B13-9379	34.1182	-119.6289	34	7.0926	-119	37.7346	-260.79	Upper Slope	NA	East Santa Barbara Channel	B2003	Y	Weston	Y

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B13 Station ID	Target Latitude Dec Deg	Target Longitude Dec Deg	Target Latitude Deg	Target Latitude Dec Min	Target Longitude Degree	Target Longitude Dec Min	GIS Depth	B13 Stratum	MPA ID	Region	Original_Survey	Sed Grab	Agency Sed Grab	Trawl
B13-9380	34.1228	-119.3313	34	7.3686	-119	19.8774	-128.60	Outer Shelf	NA	East Santa Barbara Channel	B2003	N	NA	Y
B13-9383	34.1251	-119.1927	34	7.5042	-119	11.5608	-15.56	Inner Shelf	NA	Hueneme to Dume	B2003	Y	ABC	Y
B13-9385	34.1327	-119.3699	34	7.9605	-119	22.1939	-172.86	Outer Shelf	NA	East Santa Barbara Channel	B2008	N	NA	Y
B13-9387	34.1438	-120.1782	34	8.6274	-120	10.6932	-430.49	Upper Slope	NA	West Santa Barbara Channel	B2003	Y	Weston	Y
B13-9388	34.1456	-119.7701	34	8.7372	-119	46.2054	-363.00	Upper Slope	NA	East Santa Barbara Channel	B2003	Y	Weston	Y
B13-9391	34.1584	-119.8276	34	9.5016	-119	49.6578	-405.98	Upper Slope	NA	East Santa Barbara Channel	B2003	Y	Weston	Y
B13-9394	34.1687	-119.5417	34	10.1219	-119	32.5018	-237.68	Upper Slope	NA	East Santa Barbara Channel	B2013	Y	Weston	Y
B13-9395	34.1689	-119.4602	34	10.1316	-119	27.6138	-127.02	Outer Shelf	NA	East Santa Barbara Channel	B2003	Y	ABC	N
B13-9396	34.1712	-119.8768	34	10.2743	-119	52.6057	-460.39	Upper Slope	NA	West Santa Barbara Channel	B2013	Y	Weston	Y
B13-9397	34.1787	-119.3469	34	10.7202	-119	20.8116	-27.37	Inner Shelf	NA	East Santa Barbara Channel	B1998	Y	ABC	Y
B13-9398	34.1789	-119.6120	34	10.7334	-119	36.7226	-257.77	Upper Slope	NA	East Santa Barbara Channel	B2013	Y	Weston	Y
B13-9399	34.1824	-120.4073	34	10.9412	-120	24.4394	-255.03	Upper Slope	NA	West Santa Barbara Channel	B2013	Y	Weston	Y

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B13 Station ID	Target Latitude Dec Deg	Target Longitude Dec Deg	Target Latitude Deg	Target Latitude Dec Min	Target Longitude Degree	Target Longitude Dec Min	GIS Depth	B13 Stratum	MPA ID	Region	Original_Survey	Sed Grab	Agency Sed Grab	Trawl
B13-9400	34.1832	-120.3513	34	10.9902	-120	21.0774	-456.83	Upper Slope	NA	West Santa Barbara Channel	B2003	Y	Weston	Y
B13-9403	34.2064	-119.6327	34	12.3846	-119	37.9624	-154.66	Outer Shelf	NA	East Santa Barbara Channel	B2013	Y	Weston	Y
B13-9404	34.2068	-119.5675	34	12.4062	-119	34.0488	-135.35	Outer Shelf	NA	East Santa Barbara Channel	B2003	N	NA	Y
B13-9407	34.2163	-119.6059	34	12.9755	-119	36.3569	-162.41	Outer Shelf	NA	East Santa Barbara Channel	B2013	Y	Weston	Y
B13-9409	34.2183	-119.2950	34	13.0990	-119	17.7023	-18.06	Inner Shelf	NA	East Santa Barbara Channel	B2013	Y	ABC	Y
B13-9413	34.2241	-119.6063	34	13.4484	-119	36.3798	-145.25	Outer Shelf	NA	East Santa Barbara Channel	B2003	Y	Weston	N
B13-9414	34.2251	-119.7320	34	13.5046	-119	43.9189	-196.60	Outer Shelf	NA	East Santa Barbara Channel	B2013	Y	Weston	Y
B13-9415	34.2275	-119.6971	34	13.6490	-119	41.8270	-140.02	Outer Shelf	NA	East Santa Barbara Channel	B2013	Y	ABC	Y
B13-9416	34.2302	-119.6874	34	13.8096	-119	41.2464	-138.44	Outer Shelf	NA	East Santa Barbara Channel	B2003	Y	Weston	N
B13-9417	34.2328	-119.7068	34	13.9674	-119	42.4086	-159.48	Outer Shelf	NA	East Santa Barbara Channel	B2003	Y	Weston	N
B13-9421	34.2444	-119.3703	34	14.6643	-119	22.2204	-25.72	Inner Shelf	NA	East Santa Barbara Channel	B2013	Y	ABC	Y
B13-9424	34.2549	-119.4765	34	15.2920	-119	28.5893	-64.77	Mid Shelf	NA	East Santa Barbara Channel	B2013	Y	ABC	Y

Bight"13 Contaminant Impact Assessment Field Operations Manual - Appendix B

B13 Station ID	Target Latitude Dec Deg	Target Longitude Dec Deg	Target Latitude Deg	Target Latitude Dec Min	Target Longitude Degree	Target Longitude Dec Min	GIS Depth	B13 Stratum	MPA ID	Region	Original_Survey	Sed Grab	Agency Sed Grab	Trawl
B13-9426	34.2586	-119.8104	34	15.5151	-119	48.6240	-295.56	Upper Slope	NA	East Santa Barbara Channel	B2013	Y	Weston	Y
B13-9427	34.2600	-120.2811	34	15.6010	-120	16.8680	-459.29	Upper Slope	NA	West Santa Barbara Channel	B2013	Y	Weston	Y
B13-9428	34.2611	-119.7673	34	15.6672	-119	46.0404	-191.50	Outer Shelf	NA	East Santa Barbara Channel	B2003	Y	Weston	N
B13-9432	34.2778	-119.7183	34	16.6686	-119	43.0962	-200.44	Outer Shelf	NA	East Santa Barbara Channel	B2003	Y	Weston	Y
B13-9433	34.2783	-119.5831	34	16.6990	-119	34.9887	-92.02	Mid Shelf	NA	East Santa Barbara Channel	B2013	Y	ABC	Y
B13-9434	34.2840	-119.3549	34	17.0394	-119	21.2946	-19.36	Inner Shelf	NA	East Santa Barbara Channel	B2003	Y	SCCWRP	N
B13-9435	34.2846	-120.4237	34	17.0735	-120	25.4224	-410.49	Upper Slope	NA	West Santa Barbara Channel	B2013	Y	Weston	Y
B13-9436	34.2871	-120.4556	34	17.2266	-120	27.3342	-425.19	Upper Slope	NA	West Santa Barbara Channel	B2003	Y	Weston	Y
B13-9440	34.3078	-119.7127	34	18.4704	-119	42.7602	-139.27	Outer Shelf	NA	East Santa Barbara Channel	B2003	Y	Weston	N
B13-9441	34.3138	-119.8842	34	18.8280	-119	53.0526	-401.17	Upper Slope	NA	West Santa Barbara Channel	B2003	N	NA	Y
B13-9443	34.3145	-120.2824	34	18.8670	-120	16.9410	-387.44	Upper Slope	NA	West Santa Barbara Channel	B2003	Y	Weston	N

Bight'13 Contaminant Impact Assessment Field Operations Manual - Appendix B

B13 Station ID	Target Latitude Dec Deg	Target Longitude Dec Deg	Target Latitude Deg	Target Latitude Dec Min	Targget Longitude Degree	Target Longitude Dec Min	GIS Depth	B13 Stratum	MPA ID	Region	Original_Survey	Sed Grab	Agency Sed Grab	Trawl
B13-9444	34.3199	-119.7511	34	19.1927	-119	45.0675	-160.07	Outer Shelf	NA	East Santa Barbara Channel	B2013	Y	Weston	Y
B13-9447	34.3425	-119.4580	34	20.5480	-119	27.4798	-23.78	Inner Shelf	NA	East Santa Barbara Channel	B2013	Y	ABC	Y
B13-9448	34.3438	-119.7738	34	20.6305	-119	46.4256	-88.84	Mid Shelf	NA	East Santa Barbara Channel	B2013	Y	ABC	Y
B13-9449	34.3441	-119.5626	34	20.6448	-119	33.7548	-45.88	Mid Shelf	NA	East Santa Barbara Channel	B1998	Y	SCCWRP	Y
B13-9450	34.3442	-120.3686	34	20.6544	-120	22.1166	-287.77	Upper Slope	NA	West Santa Barbara Channel	B2003	Y	Weston	Y
B13-9454	34.3593	-119.8495	34	21.5581	-119	50.9701	-106.07	MPA	Campus Point SMCA (No-Take)	Campus Point	B2013	Y	ABC	Y
B13-9455	34.3605	-119.8915	34	21.6302	-119	53.4874	-178.28	Outer Shelf	Campus Point SMCA (No-Take)	West Santa Barbara Channel	B2013	Y	Weston	Y
B13-9456	34.3608	-119.8492	34	21.6503	-119	50.9533	-94.52	Mid Shelf	Campus Point SMCA (No-Take)	Campus Point	B2013	Y	ABC	Y
B13-9457	34.3627	-120.0103	34	21.7608	-120	0.6204	-448.68	Upper Slope	NA	West Santa Barbara Channel	B2003	Y	Weston	Y
B13-9458	34.3681	-119.5401	34	22.0872	-119	32.4070	-34.32	Mid Shelf	NA	East Santa Barbara Channel	B2013	Y	ABC	Y
B13-9459	34.3684	-120.1130	34	22.1033	-120	6.7811	-434.18	Upper Slope	NA	West Santa Barbara Channel	B2013	Y	Weston	Y

Bight'13 Contaminant Impact Assessment Field Operations Manual - Appendix B

B13 Station ID	Target Latitude Dec Deg	Target Longitude Dec Deg	Target Latitude Deg	Target Latitude Dec Min	Target Longitude Degree	Target Longitude Dec Min	GIS Depth	B13 Stratum	MPA ID	Region	Original_Survey	Sed Grab	Agency Sed Grab	Trawl
B13-9464	34.3947	-120.3315	34	23.6814	-120	19.8882	-183.21	Outer Shelf	NA	West Santa Barbara Channel	B2003	Y	Weston	N
B13-9465	34.3951	-119.8586	34	23.7030	-119	51.5170	-44.23	MPA	Campus Point SMCA (No-Take)	Campus Point	B2013	Y	SCCWRP	Y
B13-9466	34.3955	-119.6622	34	23.7288	-119	39.7308	-25.92	Inner Shelf	NA	East Santa Barbara Channel	B2003	Y	ABC	Y
B13-9467	34.3984	-119.8648	34	23.9034	-119	51.8856	-29.58	Inner Shelf	Campus Point SMCA (No-Take)	Campus Point	B1998	Y	ABC	Y
B13-9468	34.3998	-119.8748	34	23.9850	-119	52.4888	-26.05	MPA	Campus Point SMCA (No-Take)	Campus Point	B2013	Y	ABC	Y
B13-9470	34.4010	-119.8328	34	24.0600	-119	49.9680	-30.41	Mid Shelf	NA	East Santa Barbara Channel	B1998	Y	ABC	Y
B13-9471	34.4040	-119.8121	34	24.2370	-119	48.7266	-18.02	Inner Shelf	NA	East Santa Barbara Channel	B2003	N	NA	Y
B13-9474	34.4064	-120.4173	34	24.3820	-120	25.0388	-83.69	MPA	Point Conception SMR	Point Conception	B2013	Y	Contractor	N
B13-9476	34.4200	-120.2692	34	25.2019	-120	16.1513	-158.85	Outer Shelf	NA	West Santa Barbara Channel	B2013	Y	Weston	Y
B13-9481	34.4426	-120.4276	34	26.5572	-120	25.6555	-21.93	MPA	Point Conception SMR	Point Conception	B2013	Y	SCCWRP	N
B13-9482	34.4431	-120.2852	34	26.5853	-120	17.1098	-28.44	Mid Shelf	NA	West Santa Barbara Channel	B2013	Y	SCCWRP	Y

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B13 Station ID	Target Latitude Dec Deg	Target Longitude Dec Deg	Target Latitude Deg	Target Latitude Dec Min	Targget Longitude Degree	Target Longitude Dec Min	GIS Depth	B13 Stratum	MPA ID	Region	Original_Survey	Sed Grab	Agency Sed Grab	Trawl
B13-9484	34.4591	-120.3171	34	27.5465	-120	19.0254	-16.00	Inner Shelf	NA	West Santa Barbara Channel	B2013	Y	SCCWRP	Y
B13-9487	34.4647	-120.1797	34	27.8822	-120	10.7824	-17.63	Inner Shelf	NA	West Santa Barbara Channel	B2013	Y	SCCWRP	Y
B13-9488	34.4674	-120.2169	34	28.0453	-120	13.0115	-10.69	MPA	Kashtayit SMCA	Kashtayit	B2013	Y	SCCWRP	N

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