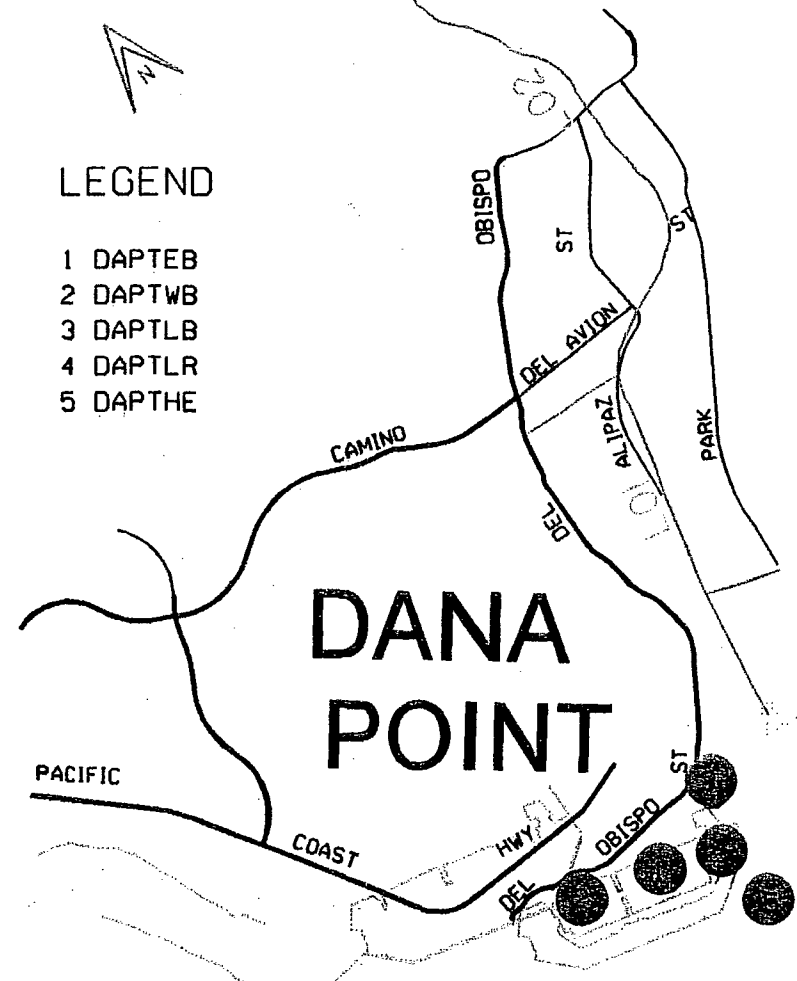


FIG. 3.23 STATION LOCATIONS-BAYS/HARBORS

4
CH

LEGEND

- 1 DAPTEB
- 2 DAPTWB
- 3 DAPTLB
- 4 DAPTLR
- 5 DAPTHE



NEWPORT BAY

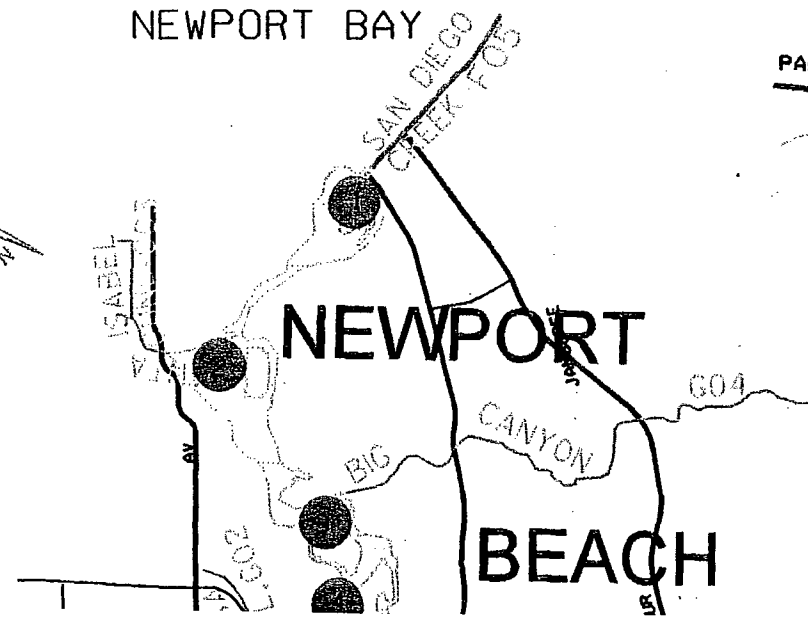
NEWPORT

BEACH

DANA POINT HARBOR

LEGEND

- 1 UNBJAM
- 2 UNBSDC
- 3 UNBBCW
- 4 UNBNSB
- 5 UNBNDR



OCEAN/BAY WATER CLOSURES 2001 (to Date)

County: Orange

Contact: Monica Mazur

Phone: (714) 667-3751

Address: Environmental Health Division, 2009 E. Edinger Avenue, Santa Ana, CA 92705

	Date Closed	Date Opened	Ocean, Bay, Harbor Area Closed	Agency/Reason	Amount Spilled*
1.	1/11/01	1/18/01	Dana Point Harbor breakwater downcoast to the pedestrian bridge over PCH, Doheny State Beach, Dana Point	South East Regional Reclamation Authority/air vac failure on surge tower	~2000 gallons/undisinfected secondary
2.	1/12/01	1/18/01	1 mile upcoast and 1 mile downcoast of Pico Drain, San Clemente	City of San Clemente/line break	~985,000 spilled - ~888,000 recovered/undisinfected secondary
3.	1/22/01	1/25/01	300 feet upcoast and 300 feet downcoast of Bluebird Canyon Drive drain, Laguna Beach	City of Laguna Beach/line blockage (roots)	~5200 gallons spilled - 5200 gallons recovered/sewage
4.	2/8/01	2/10/01	Quest Slips and "A" Dock, north end of the West Basin, Dana Point Harbor, Dana Point	Orange County Public Facilities & Resources Department/line break at vessel holding tank pump out facility	~2 gallons/sewage
5.	2/14/01	2/17/01	300 feet upcoast and 300 feet downcoast of the Santa Ana River, Huntington State Beach, Huntington Beach & Newport Beach	PPO (Denny's Restaurant)/line blockage (grease & paper towels)	~100-300 gallons / sewage
6.	2/18/01	2/21/01	Hotel Laguna downcoast to Brooks Street, Laguna Beach	City of Laguna Beach/line blockage (roots)	~9000 gallons spilled - ~3000 gallons recovered/sewage
7.	2/20/01	2/25/01	1000 feet upcoast and 1000 feet downcoast of the Santa Ana River, Huntington State Beach, Huntington Beach & Newport Beach	Costa Mesa Sanitary District/line blockage (grease)	~1000 gallons/sewage
8.	2/21/01	2/25/01	Newport Slough, Newport Beach	Orange County Sanitation District/suspected line break	<500 gallons/sewage
9.	2/26/01	3/2/01	Doheny State Beach downcoast through Capistrano County Beach, Dana Point	Santa Margarita Water District/pump station failure	~54,000 gallons spilled - ~11,968 gallons recovered/sewage
10.	3/4/01	3/8/01	300 feet upcoast and 300 feet downcoast of San Juan Creek, Doheny State Beach, Dana Point	Santa Margarita Water District/line blockage (vandalism)	~4125 gallons spilled - ~3525 gallons recovered/sewage
11.	3/8/01	3/13/01	Crescent Bay, Laguna Beach	City of Laguna Beach - Contractor/Sand concrete slurry poured into pump station wet well during construction of dry weather urban runoff diversion	~18,000 gallons/sewage
12.	3/12/01	3/15/01	300 feet upbay and 300 feet downbay of the Bahia Corinthian Yacht Club, Newport Bay, Newport Beach	PPO (Newport Medical Building)/line blockage	~1000 gallons spilled - ~700 gallons

					recovered/ sewage
13.	3/12/01	3/15/01	1000 feet upcoast and 1000 feet downcoast of San Juan Creek, Doheny State Beach, Dana Point	City of San Juan Capistrano/line blockage	~750 - 900 gallons/ sewage
14.	4/1/01	4/5/01	1000 feet upcoast and 1000 feet downcoast of Salt Creek at Monarch & Salt Creek Beach, Dana Point	Moulton Niguel Water District/line blockage	~900 gallons spilled/ ~200 gallons recovered/ sewage
15.	4/2/01	4/5/01	1/4 mile upcoast and 1/2 mile downcoast of San Juan Creek, Doheny State Beach, Dana Point	Moulton Niguel Water District/pump station failure	~10,300 gallons spilled/ ~5000 gallons recovered/sewage
16.	4/3/01	4/6/01	Guest Slips and "A" Dock at the north end of the West Basin, Dana Point Harbor, Dana Point	Orange County Public Facilities & Resources Department/line break at vessel holding tank pump out facility	~1-2 gallons/sewage
17.	4/3/01	4/6/01	1000 feet upcoast and 1000 feet downcoast of Aliso Creek, Aliso County Beach, Laguna Beach	Moulton Niguel Water District/line break	~830 gallons spilled/ ~100 gallons recovered/ sewage
18.	4/10/01	4/13/01	300 feet upcoast and 300 feet downcoast of El Morro Creek, El Morro State Beach, Newport Coast	State Department of Parks and Recreation/line break	~25 gallons/sewage
19.	4/16/01	4/19/01	1000 feet upcoast and 1000 feet downcoast of Salt Creek at Monarch & Salt Creek Beach, Dana Point	PPO (Seaside Meadows Apartments)/line blockage	~960 gallons/sewage
20.	4/20/01	4/23/01	300 feet between Agate Street and Pearl Street, Laguna Beach	City of Laguna Beach/line blockage	~500 gallons/sewage ~200 gallons recovered
21.	4/23/01	4/25/01	Diver's Cove downcoast to Thalia Street, Laguna Beach	City of Laguna Beach/line blockage	~10,500 gallons/sewage ~7,500 gallons recovered
22.	4/12/01		Portofino Cove and Sunset Aquatic Marina, Huntington Harbour, Huntington Beach	Anaheim Sheraton Hotel/line blockage	~2400 gallons/sewage ~100 gallons recovered

*Amount Spilled: amount spilled - amount recovered = release amount.

COUNTY OF ORANGE
PUBLIC FACILITIES & RESOURCES DEPARTMENT

NPDES ANNUAL PROGRESS REPORT

November 15, 2000

(Volume 1 of 3)

VICKI L. WILSON
Director

ORANGE COUNTY BOARD OF SUPERVISORS

CHARLES V. SMITH
First District

JAMES SILVA
Second District

TODD SPITZER
Third District

CYNTHIA P. COAD
Fourth District

THOMAS W. WILSON
Fifth District

SAN DIEGO REGIONAL
WATER QUALITY
CONTROL BOARD
2000 NOV 15 P 4:50

Ch. 5
and related
appendices only.

1999-2000
POSTING LOG FOR AB411

				BACTERIAL VALUES		
	DATE POSTED	AREA POSTED	DATE UNPOSTED	TC	FC/EC	ENT
	7/28/99	Doheny Beach - 250' U/C to 1000' D/C SJC (Ck. Release)	7/30/99	~	~	~
	7/29/99	Newport Bay - 38th Street Beach	7/30/99	80	712	<10
		Newport Bay - 43rd Street Beach	9/22/99 Long Term	500	>24192	31
		Dana Point Harbor - Baby Beach (Buoy Line)	7/30/99	300	256	175
		Dana Point Harbor - Baby Beach (West End)	7/30/99	1100	408	173
		Doheny Beach - North Beach	7/30/99	20	959	20
		Huntington Harbour - Mother's Beach	8/3/99	20	419	134
	7/30/99	Newport Beach - 52nd-53rd Street (OCSD 6S)	7/30/99	1700	1700	176
		Doheny Beach - North Beach	8/6/99	20	959	20
	8/3/99	Seal Beach - 8th Street	8/5/99	3000	3873	85
	8/4/99	Dana Point Harbor - Baby Beach (Swim Area)	8/6/99	500	573	20
	8/5/99	Newport Bay - Abalone Avenue (South Bayfront)	8/7/99	800	801	74
		Newport Bay - Bayshore Beach	8/7/99	<20	31	185
		Newport Bay - Newport Dunes (North Beach)	8/7/99	300	1631	10
	8/9/99	Bolsa Chica State Beach - SLGT #18 (OCSD 33N)	8/12/99	500	300	128
	8/10/99	Salt Creek Beach - D/C of Salt Creek	8/12/99	3000	146	158
		Doheny Beach - North Beach	8/12/99	40	1134	31
		Dana Point Harbor - Baby Beach (East End)	8/12/99	500	601	52
	8/11/99	Newport Bay - Newport Dunes (North Beach)(Ck. Release)	8/13/99	~	~	~
	8/12/99	South Laguna - Three Arch Bay (AWMA S3)	8/13/99	96	<2	110
	8/13/99	Seal Beach - 1st Street	8/15/99	2400	1785	<10
	8/17/99	Newport Bay - Newport Dunes (North Beach)	8/24/99	230	441	10
	8/18/99	Salt Creek Beach - D/C of Salt Creek	8/20/99	1700	63	173
	8/24/99	Bolsa Chica State Beach - SLGT #23 (OCSD 39N)	8/26/99	500	500	142
	8/26/99	Dana Point Harbor - Baby Beach (All) (West End)	8/28/99	170	259	160
		Dana Point Harbor - Baby Beach (Swim Area)	~	230	882	10
	8/27/99	Doheny Beach - 300' U/C to 1500' D/C SJC (Ck. Release)	9/1/99	~	~	~
	8/31/99	Bolsa Chica State Beach - SLGT#23 (OCSD 39N)	9/1/99	230	230	112
	9/1/99	Doheny Beach - South End of Campground (SERRA S5)	9/3/99	10	20	110
		Newport Bay - 19th Street Beach	9/3/99	80	209	110
	9/2/99	Doheny Beach - 300' U/C to 1500' D/C SJC (Ck. Release)	9/4/99	~	~	~
		Dana Point Harbor - Baby Beach (West End)	9/4/99	1300	1722	41
	9/4/99	Huntington State Beach - SLGT #15 (OCSD 11N)	9/4/99	300	594	<10
	9/6/99	Huntington State Beach - SLGT #6 (OCSD 4N)	9/7/99	9000	17328	168
	9/7/99	Huntington State/City Beach - SAR to CLGT #11 (3N)	*10/7/99	5000	340	215
		*9/17/99 - unposted CLGT #11-CLGT #15 (4N)	~	LA	LA	358
		*10/6/99 - unposted CLGT #15-SLGT #10 (5N)	~	LA	LA	128
		*10/7/99 - unposted SLGT #10-SAR (7N)	~	170	170	118
		(8N)	~	300	80	104

1999-2000
POSTING LOG FOR AB411

		(10N)	~	300	110	120
		(11N)	~	300	170	216
9/8/99	Doheny Beach - 300' U/C to 1000' D/C SJC (Ck. Release)	9/10/99	~	~	~	~
9/9/99	Doheny Beach - End of day use area (SERRA S7)	9/10/99	3700	3000	>2000	
	Poche Beach - U/C of Poche Creek (SERRA S15)	9/10/99	460	110	110	
	Doheny Beach - 300' U/C to 1500' D/C SJC (Ck. Release)	9/10/99	~	~	~	
9/10/99	Huntington City Beach - CLGT #9 (OCSD 15N)	9/11/99	130	197	2098	
	Huntington City Beach - 150' D/C CLGT #1-CLGT #6 (15N)	9/11/99	<20	40	512	
	(18N)	~	<20	<10	113	
	(19N)	~	<20	20	1585	
9/12/99	Huntington City Beach - CLGT #11 - Pier (increase) (16N)	9/15/99	20	20	>400	
9/14/99	Newport Bay - 19th Street Beach	9/17/99	800	1187	573	
9/15/99	Huntington City Beach - CLGT #1	9/16/99	<20	<10	158	
	Doheny Beach - 250' U/C to 1000' D/C SJC (Ck. Release)	9/17/99	~	~	~	
9/16/99	Doheny Beach - SLGT #7 (SERRA S5)	10/7/99	50	50	130	
	Dana Point Harbor - Baby Beach (Swim Area)	9/19/99	130	408	10	
(needles)	Huntington State/City Beach - Magnolia to U/C of Pier	9/17/99	~	~	~	
9/22/99	Dana Point Harbor - Baby Beach (Buoy Line)	9/28/99	300	959	31	
9/23/99	Newport Bay - 38th Street Beach	10/27/99	20	594	<10	
9/24/99	Aliso Beach - Camel Point to 300' U/C (AWMA S8)	9/30/99	14	8	110	
	Doheny Beach - SLGT #9 to 300' D/C (SERRA S1)	10/7/99	10	10	30	
	Doheny Beach - SLGT #6 (SERRA S3)	10/7/99	80	80	400	
9/27/99	Poche Beach - U/C of Poche Creek (SERRA S15)	9/28/99	780	170	170	
	Aliso Beach-1000' U/C to 1000' D/C of Creek (Ck.Release)	*10/7/99	~	~	~	
	*9/30/99 - reduced posting to 1000' U/C	~	~	~	~	
	Huntington City Beach - CLGT # 1 (OCSD 18N)	9/28/99	300	74	135	
9/28/99	Doheny Beach - 250' U/C to 1000' D/C SJC (Ck. Release)	*10/7/99	~	~	~	
	*9/30/99 - extended posting to 3500' D/C (see 9/24/99)	~	~	~	~	
	*10/1/99 - reduced D/C 500'	~	~	~	~	
	Laguna Beach - Main Beach at Broadway Creek	9/30/99	230	52	134	
	Monarch Beach - 300' U/C of Salt Creek	9/30/99	230	41	109	
9/29/99	Newport Bay - Sapphire Avenue	10/1/99	40	3076	413	
10/1/99	Poche Beach - 300' U/C to 100' D/C of Poche Creek	10/7/99	700	120	120	
10/7/99	Doheny Beach - 150' U/C SLGT #7 to 150'D/C SLGT #6	*10/8/99(S5	1100	670	960	
	(SERRA S5 & S7) *all Doheny posted	~ (S7	780	670	960	
10/8/99	Doheny Beach - San Juan Creek to Poche Creek	*10/14/99(S1	160	60	300	
	*10/9/99 -reopened San Juan Ck to end of campground	~ (S3	440	330	670	
	*10/14/99-reopened end of campground to end of park	~ (S9	260	270	530	
	*10/14/99-reopened Poche	~ (S11	390	130	330	
		~ (S13	350	230	200	
10/10/99	Bolsa Chica State Beach - SLGT #23 (OCSD 39N)	10/13/99	1100	1100	>400	
10/13/99	Laguna Beach - 1000 Steps Beach (AWMA S4)	10/14/99	2	<2	280	

1999-2000
POSTING LOG FOR AB411

10/14/99	Dana Point Harbor - Baby Beach (Buoy Line)	see 10/27/99	80	789	189
	Doheny Beach - 250' U/C to 1000' D/C SJC (Ck. Release)	see 10/15/99	~	~	~
10/15/99	Huntington State Beach - SLGT #2 (OCSD 1N)	10/16/99	130	130	146
	Newport Bay - 19th Street Beach	10/21/99	700	135	145
	Newport Bay - Bayshore Beach	10/21/99	1300	644	391
	Dana Point Harbor -Baby Beach (Swim Area)	see 10/27/99	500	520	98
	Doheny Beach - 1000' - 3000' D/C of San Juan Creek	see 10/29/99(S1)	150	120	270
	*10/18/99 - 250' U/C - 1000' D/C SJC closed (sewage)	see 10/22/99(S3)	90	70	160
	Creek Release	~ (S9)	150	140	270
10/21/99	Seal Beach - 1st Street	11/10/99	20	784	31
10/22/99	Newport Beach - 52nd-53rd Street (OCSD 6S)	10/24/99	20	20	150
	Aliso Beach - Aliso Creek to 300' D/C (AWMA S9)	see 10/28/99	30	<10	170
	Doheny Beach - 250' U/C to 1000' D/C San Juan Creek	see 11/15/99(S0)	160	110	250
10/24/99	Huntington State Beach - SLGT #6 (OCSD 4N)	10/26/99	500	500	240
10/26/99	Huntington State Beach - SLGT #4 (OCSD 3N)	see 10/27/99	40	62	121
	Newport Bay - Garnet Avenue	10/28/99	<20	52	211
10/27/99	Huntington State Beach (OCSD 1N - 4N) (1N)	*10/28/99	230	230	>400
	*4N unposted 11/3/99 (2N)	~	500	500	>400
	(3N)	~	500	500	>400
	(4N)	~	130	8	>400
	Newport Beach - Little Corona	10/30/99	500	933	74
	Newport Beach - Corona Del Mar Beach (OCSD 29S)	10/29/99	130	80	106
	Dana Point Harbor - Baby Beach (All)	11/18/99 Long Term	~	~	~
10/28/99	Aliso Beach - 300' D/C Creek to Camel Point (SERRA S8)	10/29/99	190	120	170
10/29/99	Huntington State Beach-1N-3N (4N posted-see 10/27) (1N)	11/3/99	300	300	270
	(3N)	~	300	300	>400
	Huntington Harbour - Mother's Beach	11/2/99	500	341	223
	Doheny Beach - add 500' U/C SJC to 250' U/C SJC	10/30/99	30	70	110
	Doheny Beach - add 3000' to 4000' D/C SJC (SERRA S5)	1/3/00 Long Term	310	420	456
	(SERRA S5)	1/3/00 Long Term	70	40	140
	San Clemente - North Beach @ Ave. Pico (SERRA S17)	11/3/99	360	110	1100
11/1/99	Surfside-Sunset Beach - breakwater to 24th St. (Dredging)	11/10/99	20	20	221
	Newport Bay - Newport Dunes (North Beach)	11/23/99	500	145	228
11/3/99	Capistrano Beach - Poche Beach (SERRA S15)	11/5/99	900	130	120
11/4/99	Huntington Harbour - Mother's Beach	*11/30/99	130	272	185
	*changed from posting to closure due to sewage spill	~	~	~	~
	Huntington Harbour - Trinidad Beach	11/7/99	2400	31	833
11/7/99	Newport Beach - Balboa Pier (OCSD 21S)	11/9/99	300	300	184
11/8/99	Rain Advisory - All Coastline	11/12/99	~	~	~
11/9/99	Newport Beach - Corona Del Mar Beach (OCSD 29S)	11/11/99	110	40	150
11/15/99	(Doheny Beach - 250' U/C to 1000' D/C SJC - Closed)	see 11/21/99	~	~	~
	(1000' D/C SJC to end of Park still posted)	~	~	~	~

1999-2000
POSTING LOG FOR AB411

11/16/99	Laguna Beach - So. End of Main Beach (AWMA S16)	11/18/99	41	8	360
	Laguna Beach - No. End of Victoria Beach (AWMA S14)	11/18/99	18	2	120
	Laguna Beach - Treasure Island Pier (AWMA S12)	11/18/99	16	2	220
	Laguna Beach - 1000 Steps Beach (AWMA S4)	11/18/99	20	8	>400
11/17/99	San Clemente State Beach - Ave. Calafia (SERRA S21)	11/18/99	Cw/c	320	>400
	Doheny Beach - North Beach	11/20/99	300	223	397
11/18/99	Salt Creek Beach - So. End Ritz Cove (AWMA S2)	11/21/99	1300	66	130
11/21/99	Doheny Beach - North Beach	1/3/00 Long Term	80	185	231
	Doheny Beach-250' U/C to 1000' D/C SJC(Posting from SS)	1/3/00 Long Term	~	~	~
11/23/99	Laguna Beach - No. End of Victoria Beach (AWMA S14)	11/27/99	27	10	100
	Laguna Beach - Bluebird Canyon (AWMA S15)	11/27/99	410	80	170
	Newport Beach - 15th-16th Street (OCSD 15S)	11/25/99	230	230	368
	Newport Bay - Newport Dunes (East Beach)	11/25/99	130	97	110
	Newport Bay - Newport Dunes (West Beach)	11/25/99	1300	586	495
	Newport Bay - 10th Street Beach	11/25/99	5000	4611	884
	Newport Bay - 19th Street Beach	11/25/99	1300	2851	1223
	Newport Bay - 38th Street Beach	11/25/99	500	142	228
	Newport Bay - V ia Genoa	11/25/99	40	31	155
	Newport Bay - N Street Beach	11/25/99	800	563	74
11/24/99	Aliso Beach - 300' D/C Creek to Camel Point (SERRA S8)	11/27/99	Cw/c	160	160
	Doheny Beach - Mid North Beach (SERRA S2)	1/3/00 Long Term	120	80	1900
	San Clemente State Beach - Ave. Calafia (SERRA S21)	11/27/99	780	500	610
	Laguna Beach - Emerald Bay	11/27/99	<20	10	156
11/26/99	Huntington City Beach - Dog Beach (OCSD 27N)	12/4/99	800	800	16
12/1/99	Capistrano Beach-150' U/C-150" D/C Poche (Ck.release)	12/8/99	~	~	~
	Laguna Beach - Crescent Bay	12/3/99	110	20	169
12/2/99	Seal Beach - 8th Street	12/4/99	>16000	130	393
12/8/99	Laguna Beach - So. End Main Beach (AWMA S16)	12/10/99	160	90	190
12/9/99	Capistrano Beach - Guard Shack (SERRA S9)	12/15/99	350	170	420
	Capistrano Beach - Mid (SERRA S11)	12/15/99	190	90	320
	Capistrano Beach - End (SERRA S13)	12/15/99	80	80	170
	Huntington Harbour - Coral Cay	12/13/99	3000	4352	1223
	Huntington State Beach - SAR to 200' U/C (OCSD 0)	12/13/99	40	41	158
	Huntington State Beach - SLGT #3 (OCSD 2N)	12/13/99	520	368	990
12/18/99	Huntington State Beach - SLGT #7 (OCSD 5N)	12/20/99	40	20	110
12/20/99	Huntington City Beach - Bluffs (OCSD #27N)	12/21/99	<20	<20	122
	Huntington City Beach - 17th Street (OCSD #21N)	12/21/99	80	80	168
	Huntington State Beach - SLGT #2 (OCSD 1N)	12/24/99	70	70	166
	Huntington State Beach - SLGT #3 (OCSD 2N)	12/24/99	170	170	298
	Huntington State Beach - SLGT #4 (OCSD 3N)	12/24/99	130	130	212
	Newport Beach - 15th-16th Street (OCSD 15S)	12/21/99	130	130	180
12/21/99	Laguna Beach - So. End of Main Beach (AWMA S16)	12/22/09	190	86	150

1999-2000
POSTING LOG FOR AB411

		Laguna Beach - So. End of Victoria Beach (AWMA S13)	12/24/99	130	110	110
		Capistrano Beach - Guard Shack (SERRA S9)	12/24/99	90	66	120
	12/22/99	Laguna Beach - No. End of Victoria Beach (AWMA S14)	12/24/99	130	110	110
		Laguna Beach - Bluebird Canyon (AWMA S15)	12/24/99	110	100	130
		Dana Point - Dana Strand (AWMA S1)	12/24/99	Cw/c	>400	120
	12/23/99	Aliso Beach - Camel Point to 300' upcoast (AWMA S8)	12/28/99	42	34	120
		Huntington Harbour - 11th Street Beach	12/29/99	220	4396	1153
	12/28/99	Newport Bay - Harbor Patrol Beach	12/30/99	230	857	354
	12/30/99	Huntington State Beach - SAR to 300' U/C (OCSD 0)	1/4/00	<20	<20	180
	1999 Summary	Postings Rain Advisories Creek Releases Misc.				
	July 28-31	8 1				
	August	17 2				
	September	25 6 1				
	October	28 2				
	November	32 1				
	December	22 1				
	Totals	132 1 12 1				
	1/4/00	Aliso Beach - Aliso Creek to 300' downcoast (AWMA S9)	1/5/00	6200	440	960
		Laguna Beach - No. End of Victoria Beach (AWMA S14)	1/5/00	100	40	430
	1/5/00	San Clemente - North Beach @ Pico Avenue (SERRA 17)	1/6/00	390	540	330
		Newport Bay - Sapphire Avenue	1/7/00	20	10	121
		Seal Beach - 1st Street (SGR to Neptune Ave. posted)	1/7/00	1300	52	388
		Seal Beach - 8th Street "	"	500	51	491
		Seal Beach - 14th Street "	"	40	<10	134
	1/7/00	Newport Beach - Balboa Pier (OCSD 21S)	1/10/00	80	20	300
	1/11/00	Newport Bay - Newport Dunes (West Beach)	1/13/00	40	41	122
	1/18/00	Huntington State Beach - Brookhurst Street (OCSD 3N)	1/21/00	200	140	208
		Newport Beach - Orange Avenue (OCSD 3S)	1/19/00	170	170	110
	1/19/00	Huntington City Beach - Jack's Snack Bar (OCSD 21N)	1/21/00	40	40	112
		Newport Beach - 15th - 16th Street (OCSD 15S)	1/21/00	110	80	230
		Newport Bay - Newport Dunes (Middle Beach)	1/21/00	130	97	1092
		Newport Bay - Newport Dunes (North Beach)	1/21/00	500	496	31
		Laguna Beach - So. End of Main Beach (AWMA S16)	1/21/00	400	330	1500
		Laguna Beach - Bluebird Canyon (AWMA S15)	1/21/00	990	120	140
		Laguna Beach - No. End of Victoria Beach (AWMA S14)	1/21/00	130	110	220
		Laguna Beach - So. End of Victoria Beach (AWMA S13)	1/21/00	200	200	260
		Aliso Beach - 300' to 600' So. Of Aliso Creek (AWMA 8.5)	1/21/00	70	80	130
	1/20/00	Huntington Harbour - Trinidad Beach	1/22/00	1300	985	63
		Huntington Harbour - Coral Cay Beach	1/22/00	170	345	10
		Laguna Beach - Aliso Creek to 300' D/C (AWMA S9)	1/22/00	20	40	150

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	Capistrano Beach - 7500' D/C Outfall @ Capo. (SERRA S11)	1/22/00	90	70	350
	Capistrano Beach - 10000' D/C Outfall @ Capo. (SERRA S13)	1/22/00	70	20	130
	Capistrano Beach - Poche Beach (SERRA S15)	1/21/00	<100	400	80
	San Clemente - North Beach @ Pico Avenue (SERRA 17)	1/21/00	360	380	250
1/22/00	Laguna Beach - North Main Beach	1/24/00	80	52	171
	Dana Point - Salt Creek to 300' D/C of Salt Creek	1/24/00	220	108	110
1/25/00	Rain Advisory - All Coastline	2/2/00	~	~	~
2/9/00	Capistrano Beach - Guardshack (SERRA S9)	3/16/00	340	550	900
	Capistrano Bay District (SERRA S11)	2/10/00	460	400	430
	Poche Beach (SERRA S15)	2/10/00	170	160	240
2/10/00	Rain Advisory - All Coastline	2/16/00	~	~	~
2/17/00	Rain Advisory - All Coastline	2/27/00	~	~	~
2/28/00	Rain Advisory - All Coastline	3/13/00	~	~	~
3/14/00	Newport Beach - N Street Beach	3/16/00		8164	216
	Laguna Beach - Bluebird Canyon (AWMA S15)	3/16/00	1900	60	240
	Laguna Beach - Three Arch Bay (SERRA S3)	3/16/00	60	40	3200
3/15/00	Laguna Beach - Main Beach	3/17/00	9000	8164	12033
	Laguna Beach - Treasure Island Pier	3/16/00	2400	121	228
3/17/00	Huntington Beach - Bluffs (OCSD 27N)	3/19/00	230	230	288
	Dana Point - Capistrano County Beach	4/28/00		213	345
3/19/00	Huntington State Beach - Brookhurst Street (OCSD 3N)	3/21/00	500	300	396
	upcoast to Newland Street (OCSD 6N)	~	220	110	226
	(OCSD 9N)	~	170	110	126
	Newport Beach - Corona Del Mar State Beach (OCSD 29S)	3/21/00	20	20	142
3/21/00	Huntington Harbour - 11th Street Beach	3/24/00	2400	262	776
	Capistrano Bay District (SERRA S11)	3/25/00	200	70	250
	(SERRA S13)	~	40	40	110
3/22/00	Huntington State Beach - Magnolia Street (OCSD 3N)	3/24/00	500	300	>400
	downcoast to Brookhurst Street (OCSD 6N)	~	<20	<20	150
	Newport Bay - Newport Dunes West	3/24/00	2400	465	98
3/26/00	Huntington State Beach - Santa Ana River (OCSD 0)	4/5/00	70	40	174
	upcoast to Brookhurst Street (OCSD 3N)	~	70	70	156
3/29/00	Seal Beach - San Gabriel River downcoast to 2nd Street	3/31/00	40	20	169
3/30/00	Laguna Beach - Bluebird Canyon (AWMA S15)	3/31/00	170	13	530
	Capistrano Bay District (SERRA S11)	4/11/00	90	140	180
	(SERRA S13)	~	90	70	150
	Newport Bay - Via Genoa	4/2/00	500	1145	1296
4/4/00	Newport Bay - Harbor Patrol Beach	4/8/00	800	1989	31
	Laguna Beach - Bluebird Canyon (AWMA S15)	4/5/00	>2000	290	>2000
4/5/00	Huntington State Beach - SCE Plant (OCSD 9N)	4/7/00	300	230	194
4/7/00	Huntington State Beach - Brookhurst Street (OCSD 3N)	see 4/16/00	40	30	122
4/12/00	Dana Point - Monarch Beach North	4/14/00	2400	31	160

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	4/13/00	Huntington Harbour - Peter's Landing	4/15/00	1300	2282	355
	4/14/00	Huntington City Beach - Bluffs (OCSD 27N)	4/19/00	40	40	210
	4/16/00	Huntington State Beach - Magnolia Street (OCSD 6N)	see 4/19/00	500	500	234
		Huntington State Beach - Brookhurst Street (OCSD 3N)	~	130	80	156
	4/17/00	Rain Advisory - All Coastline	4/23/00	~	~	~
	4/18/00	Newport Bay - 19th Street Beach	4/20/00	800	638	12997
	4/19/00	SAR to Warner Avenue (OCSD O)	4/23/00	>16000	16000	>600
		(OCSD 3N)	4/23/00	>16000	3000	>600
		(OCSD 6N)	4/28/00	>16000	2200	>600
		(OCSD 9N)	4/23/00	>16000	5000	>400
		(OCSD 12N)	4/21/00	16000	3000	>400
		(OCSD 15N)	4/21/00	5000	2400	>400
		(OCSD 21N)	4/21/00	>16000	1300	>400
		(OCSD 27N)	4/21/00	9000	500	840
		(OCSD 33N)	4/21/00	16000	500	>400
		(OCSD 39N)	4/21/00	3000	500	390
		Newport Beach - Big Corona Beach (OCSD 29S)	4/20/00	1700	800	384
		Crystal Cove - Los Trancos (OCSD 39S)	4/20/00	16000	3000	>240
		Laguna Beach - No. End of Victoria Beach (AWMA S14)	4/22/00	950	120	190
		Aliso Beach - Pillar House (AWMA S10)	4/20/00	>20000	4500	10000
		Aliso Beach - Treasure Island South Ramp (AWMA S11)	4/20/00	13000	2500	5200
	4/20/00	Crystal Cove - Muddy Creek	4/22/00	<20	<10	>24192
		Crystal Cove - El Morro	4/22/00	5000	1010	<10
	4/21/00	Huntington Harbour - Trinidad Beach	4/23/00	16000	545	<10
		Huntington Harbour - Davenport Beach	4/23/00	9000	683	10
		Huntington Harbour - 11th Street Beach	4/23/00	3000	405	20
	4/22/00	Newport Bay - 19th Street Beach	4/25/00	>16000	1424	10
	4/25/00	Newport Bay - Bayshore Beach	4/27/00	300	31	122
		Newport Bay - Newport Dunes North	4/27/00	170	240	132
	4/27/00	Seal Beach - 1st Street	5/2/00	80	20	85
		Seal Beach - 8th Street	4/29/00	500	722	500
	4/30/00	Huntington City Beach - CLGT #15 (OCSD 12N)	5/2/00	300	230	240
		Huntington State Beach - Magnolia Street (OCSD 6N)	See 5/18/00	300	300	316
	5/2/00	Newport Bay - Newport Dunes North	5/12/00	170	1224	<10
	5/3/00	Huntington State Beach - Brookhurst Street (OCSD 3N)	5/12/00	1300	1300	130
		Laguna Beach - Bluebird Canyon (AWMA S15)	5/4/00	12	2	>400
		Laguna Beach - Laguna Avenue (AWMA S16)	5/4/00	20	12	>400
	5/4/00	Aliso Beach - Creek to 300' Downcoast (AWMA S9)	5/5/00	80	60	190
		Huntington Harbour - Clubhouse Marina	5/6/00	3000	4106	10
	5/7/00	Huntington State Beach - SAR (OCSD O)	5/11/00	1300	800	138
	5/9/00	Newport Bay - Newport Dunes East	5/11/00	230	41	228
		Newport Bay - Garnet Avenue	5/11/00	500	145	428

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	Dana Point - Capistrano County Beach (SERRA S9)	5/11/00	400	130	180
	Poche Beach -150' U/C and 150' D/C of Creek (SERRA S15)	7/6/00	CF	2400	>2000
5/11/00	Laguna Beach - Bluebird Canyon (AWMA S15)	5/13/00	>400	>400	25
	Seal Beach -1st Street	5/13/00	300	62	153
5/17/00	Capistrano County Beach (dredging)	5/26/00	~	~	~
5/18/00	Huntington State Beach - 500' U/C & D/C Magnolia Street	See 5/19/00	800	800	164
5/19/00	Huntington State Beach - 500' U/C Magnolia St. (OCSD 6N)	5/26/00	40	20	14
	to Santa Ana River (OCSD 3N)	5/26/00	130	130	164
	(OCSD 0)	5/24/00	300	170	196
5/21/00	Bolsa Chica State Beach - Reserve (OCSD 33N)	5/23/00	110	110	128
5/23/00	Newport Bay - Dunes West	5/28/00	500	798	<10
	Newport Bay - Promontory Bay	5/28/00	3000	8164	41
5/24/00	Laguna Beach - Treasure Island Pier (AWMA S12)	5/25/00	550	32	30
5/25/00	Huntington Harbour - Sunset Aquatic	5/31/00	>16000	379	512
	Huntington Harbour - Peter's Landing	7/7/00	>16000	382	131
5/31/00	Huntington State Beach - Magnolia Street (OCSD 6N)	6/1/00	130	130	116
6/1/00	Huntington State Beach - Brookhurst Street (OCSD 3N)	6/2/00	500	300	164
	Newport Bay - Harbor Patrol Beach	6/12/00	700	933	313
6/4/00	Huntington State Beach - Magnolia Street (OCSD 6N)	6/6/00	500	500	192
6/6/00	Newport Bay - Abalone Avenue	6/8/00	>16000	195	556
	Newport Bay - Newport Dunes North	6/8/00	170	909	278
6/7/00	Crystal Cove State Beach - Pelican Point	6/9/00	70	<10	187
6/8/00	San Clemente - Avenida Calafia (SERRA S21)	6/11/00	<2	<2	400
6/13/00	Huntington State Beach - Magnolia Street (OCSD 6N)	see 6/17/00	1700	1700	>400
	Newport Bay - Rhine Channel	6/19/00	500	307	794
	Newport Bay - Sapphire Avenue	6/15/00	1300	2489	<10
6/16/00	Dana Point Harbor - Baby Beach Swim Area	see 6/22/00	800	538	20
	Doheny State Bch - SJC to end of pk (update from perm. List)	6/30/00	~	~	~
6/17/00	Huntington State Beach - 500' U/C & D/C Magnolia Street	6/19/00	3000	3000	>400
6/20/00	Newport Bay - Garnet Avenue	6/22/00	20	10	2489
	Newport Dunes - North End	6/22/00	170	1211	52
6/22/00	Huntington Harbour - Davenport Beach	6/24/00	<20	<10	135
	Newport Beach - Balboa Pier (OCSD 21S)	6/23/00	40	40	154
	Aliso Beach - North End (AWMA S10)	6/24/00	130	8	120
	Dana Point Harbor - Baby Beach Swim Area to West End	6/30/00	80	145	216
6/23/00	Huntington State Beach - Magnolia Street (OCSD 6N)	see 7/12/00	~	~	log mean
6/27/00	Newport Bay- Promontory Point	6/29/00	230	181	134
	Newport Bay - Bayshore Beach	6/29/00	9000	20	110
	Newport Bay - 38th Street Beach	6/29/00	265	1956	10
6/30/00	Laguna Beach - Treasure Island Pier (AWMA S12)	7/4/00	2	<2	400
7/4/00	Bolsa Chica State Beach - SLGT #23 (OCSD 39N)	7/5/00	140	140	222
	Huntington Harbour - Sea Gate Lagoon	7/7/00	<20	<10	171

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	Laguna Beach - 1000 Steps (AWMA S4)	7/5/00	2	<2	180
	Dana Point Harbor - Baby Beach West End	7/13/00	~	~	log mean
7/5/00	Laguna Beach - Blue Lagoon (AWMA S13)	7/6/00	4	<2	214
	Aliso Beach-150' U/C to 150' D/C of Creek (AWMA S8.5)	7/9/00	240	70	460
	150'D/C to 300' D/C of Aliso Ck (AWMA S9)	7/6/00	100	30	130
7/6/00	Newport Bay - Newport Dunes North	7/9/00	70	1223	295
	Newport Bay - Park Avenue Balboa Island	7/8/00	500	171	119
	Newport Bay - 38th Street Beach	8/24/00	16000	2359	305
	Dana Point Harbor - Guest Dock	7/11/00	230	<10	122
7/11/00	Newport Bay - Newport Dunes Middle	7/13/00	20	<10	256
	Newport Bay - Rhine Channel	7/13/00	500	447	122
	Newport Bay - Park Avenue Balboa Island	7/13/00	230	52	108
	Doheny State Beach - 300' at Mouth SJC (SERRA 0)	see 7/13/00	2000	2000	540
	Poche Beach -150' U/C and 150' D/C of Creek (SERRA S15)	7/19/00	730	500	470
7/12/00	Huntington State/City Beach - 500' U/C (OCSD 6N)	8/13/00*	230	230	152
	Huntington Street to 500' Downcoast (OCSD 9N)	*8/16/00	230	230	246
	Magnolia Street * (7/13/00-500' U/C (OCSD 12N)	7/13/00	2400	2400	>400
	Newland to 500' D/C Magnolia) (OCSD 15N)	7/13/00	230	230	322
	Newport Beach - Little Corona	7/14/00	90	63	301
7/13/00	Doheny Beach - 250' U/C to 1000' D/C SJC (Ck. Release)	7/15/00	~	~	~
7/18/00	Huntington Harbour - Mother's Beach	7/20/00	90	754	201
	Huntington Harbour - Sea Gate Lagoon	7/20/00	130	74	135
	Huntington Harbour - Peter's Landing	7/25/00	121	52	121
	Newport Bay - Newport Dunes North	9/8/00	20	1086	20
	Aliso Beach - Aliso Creek to 300' D/C Creek (AWMA S9)	7/20/00	47	8	130
7/19/00	Dana Point - Salt Creek to 300' D/C of Creek (AWMA S2)	7/20/00	200	26	180
	Dana Point Harbor - Baby Beach West End	7/28/00	700	1250	<10
	Baby Beach Buoy Line	7/26/00	300	450	<10
7/20/00	Aliso Beach - Aliso Creek to 300' D/C Creek (AWMA S9)	7/23/00	47	8	130
7/23/00	Newport Beach - 38th Street (OCSD 9S)	7/25/00	<2	<2	272
7/25/00	Newport Bay - Lido Isle Yacht Club	7/27/00	230	<10	1137
	Newport Bay - 15th Street Beach	7/29/00	1300	536	74
	Aliso Beach - Aliso Creek to 300' D/C Creek (AWMA S9)	7/26/00	6	4	160
7/26/00	Doheny Beach - San Juan Creek to 300' D/C	7/28/00	110	<10	238
7/27/00	Laguna Beach - 1000 Steps (AWMA S4)	7/28/00	2	<2	>400
	Monarch Beach - 300' U/C of Salt Creek	7/29/00	900	110	240
7/28/00	Doheny State Beach-150' U/C & 150'D/C SLGT#7 (SERRA S5)	7/29/00	250	120	600
8/1/00	Doheny Beach - 250' U/C to 1000' D/C of SJC (Ck. Release)	8/2/00	~	~	~
	Dana Point - Capistrano County Beach to 500' (SERRA S9)	8/4/00	80	20	110
	D/C of Poche Creek (SERRA S11)	8/4/00	130	60	210
	Poche Beach (8/4/00 150' U/C-150' D/C Creek) (SERRA S15)	9/21/00	1180	410	600
	Newport Bay - Abalone Avenue	8/3/00	<20	41	119

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8/3/00	Huntington Harbour - Mother's Beach	8/5/00	20	1071	20
	Huntington Harbour - Davenport Beach	8/5/00	2400	121	350
	Aliso Beach - North End (AWMA S11)	8/4/00	50	28	140
8/8/00	Newport Bay - Bayshore Beach	8/18/00	5000	20	896
8/16/00	Huntington City Bch-500' U/C & D/C of Huntington St (OCSD 15N)	8/17/00	800	20	>400
	Dana Point Harbor - West End Baby Beach	8/18/00	230	932	<10
8/17/00	Bolsa Chica State Beach - SLGT#23 (OCSD 39N)	8/18/00	40	40	162
	Huntington State Beach - Magnolia Street (OCSD 6N)	8/18/00	130	130	106
	Doheny State Beach - DPH Breakwater to 300' D/C	8/19/00	9000	3654	146
8/19/00	Newport Bay - Bayshore Beach	8/22/00	300	199	146
8/22/00	Newport Bay - Garnet Avenue	8/24/00	110	544	238
	Newport Bay - Rhine Channel	8/24/00	1100	1191	275
	Newport Bay - Harbor Patrol Beach	8/26/00	80	132	109
	Newport Bay - Rocky Point Beach	8/24/00	20	350	122
	Newport Bay - Newport Dunes West End	8/24/00	40	173	141
8/23/00	Dana Point Harbor - Baby Beach Swim Area	8/25/00	<20	52	134
	Dana Point Harbor - Baby Beach Buoy Line	8/25/00	40	185	2247
	Doheny State Beach - SJC to 300' D/C	8/25/00	40	31	169
8/24/00	Doheny State Beach - 300' to 1000' D/C of SJC (SERRA S1)	8/25/00	170	80	260
8/28/00	Aliso Beach-250' U/C to 100' D/C of Aliso Creek (Ck. Release)	8/30/00	~	~	~
8/29/00	Huntington State Beach-500' D/C Newland to 500' (OCSD 6N)	see 9/1/00	5000	5000	>400
	U/C of Magnolia (OCSD 9N)	8/31/00	300	170	138
	Newport Bay - 500' at north end of Dunes	see 9/6/00	130	645	20
	Newport Bay - 38th Street	9/2/00	110	1039	20
8/30/00	Doheny State Park - SLGT #7 (SERRA S5)	9/6/00	180	160	170
	Monarch Beach - 300' U/C of Salt Creek	9/3/00	900	109	231
	Dana Point Harbor - Baby Beach Swim Area	9/9/00	500	3076	4611
	Dana Point Harbor - Baby Beach Buoy Line	9/1/00	70	512	<10
8/31/00	Huntington State Beach 500' U/C & D/C of Newland (OCSD 9N)	see 9/1/00	5000	5000	>400
9/1/00	Huntington State Beach-500' U/C Newland to 500' (OCSD 6N)	9/3/00	9000	9000	>400
	D/C of Magnolia (9/3/00-1 50' U/C&D/C Newland) (OCSD 9N)	9/5/00	<20	<20	176
9/3/00	Huntington State Beach 150' U/C & D/C Brookhurst (OCSD 3N)	9/5/00	800	800	202
9/6/00	Newport Bay - Garnet Avenue	9/8/00	1700	1183	20
(R)	Newport Bay - 300' North end of Dunes (reduction)	9/8/00	20	<10	<10
9/7/00	Crystal Cove State Beach - 150' U/C & D/C of Treasure Cove	9/9/00	220	74	669
	El Morro - 300' D/C of El Morro Creek	9/9/00	130	122	2014
	Laguna Beach - 150' U/C & D/C of Broadway Street	9/9/00	20	10	379
	Doheny State Park -SJC to 1500' D/C (SERRA 0)	see 9/13/00	70	80	570
	(9/8/00 - SJC to 300' D/C) (SERRA S1)	9/8/00	100	140	700
9/8/00	Huntington State Beach 150' U/C & D/C Newland (OCSD 9N)	see 9/10/00	130	130	124
9/10/00	Huntington State/City Beach-500' U/C Beach (OCSD 9N)	see 9/13/00	110	110	108
	to 500' D/C of Newland (OCSD 12N)	9/13/00	300	300	126

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9/13/00	Huntington State Beach - 150' U/C & D/C Newland (OCSD 9N)	9/15/00	230	230	134
	Newport Bay - Bayshore Beach	9/15/00	40	20	116
	Doheny State Beach - 500' U/C of SJC to (SERRA S0)	see 10/11/00	220	120	140
	end of Park (SERRA S1)	see 10/11/00	210	110	240
	(SERRA S3)	see 10/11/00	230	80	120
	(SERRA S5)	see 10/11/00	140	40	190
	(SERRA S7)	see 10/11/00	140	90	110
9/14/00	Capistrano County Beach to 150' D/C of Poche (SERRA S11)	see 10/26/2000	70	60	150
	Creek (SERRA S13)	see 10/26/2000	80	250	210
	Poche Beach (SERRA S15)	9/21/00	940	580	680
	Dana Point Harbor - Baby Beach Swim Area	see 9/20/00	20	1500	116
	Dana Point Harbor - Bouy Line	see 9/20/00	40	1607	132
9/15/00	Bolsa Chica State Beach-150' U/C & D/C SLGT 23(OCSD 39N)	9/17/00	170	170	178
	Huntington City Beach - 150' U/C&D/C 17th St. (OCSD 21N)	9/17/00	<20	<20	>400
9/17/00	Huntington State Beach-150'U/C&D/C Brookhurst (OCSD 3N)	see 9/18/00	500	220	120
9/18/00	Huntington State Beach-500' U/C&D/C Brookhurst (OCSD 3N)	see 9/20/00	~	~	~
9/19/00	Seal Beach - Breakwater to 300' D/C of Breakwater	9/22/00	500	336	160
	Newport Bay - Dunes North	9/21/00	20	496	185
	Newport Bay - Alvarado and Bay Isle	9/21/00	130	907	<10
9/20/00	Huntington State Beach-150' U/C&D/C Brookhurst (OCSD 3N)	9/22/00	70	70	106
	Crystal Cove State Beach - 300' U/C Los Trancos	9/22/00	<20	20	110
	Dana Point Harbor - All of Baby Beach (West End)	10/12/00 Long Term	1700	1722	86
	(Buoy Line)	10/12/00 Long Term	1300	3255	11199
	(Swim Area)	10/12/00 Long Term	5000	1860	1012
	(East End)	10/12/00 Long Term	2400	5172	663
9/22/00	Newport Bay - Bayshore Beach Play Beach (from closure)	9/26/00	5000	<10	1021
9/23/00	Rain Advisory - All Coastline	9/25/00	~	~	~
9/26/00	Newport Bay - Dunes East	9/28/00	16000	253	74
	Newport Bay - Dunes North	9/28/00	5000	1106	63
	Newport Bay - 15th Street	9/28/00	110	882	20
	Newport Bay - 10th Street	9/28/00	>16000	627	183
	Monarch Beach - 300' D/C of Salt Creek	11/4/00	>16000	12033	4884
9/27/00	Huntington State Beach-150' U/C&D/C Brookhurst (OCSD 3N)	9/29/00	1700	500	250
	Huntington State Beach - 150' U/C&D/C Newland St. (OCSD9N)	10/1/00	40	<20	14
	Huntington Harbour - Sunset Aquatic Park	9/29/00	3000	1250	20
	Dana Point - Poche Beach 150' U/C&D/C Creek (SERRA S15)	see 10/26/00	630	180	130
9/30/00	San Clemente - 150' U/C&D/C of Pier	10/2/00	5000	161	109
10/1/00	Huntington City Beach - 500'U/C LGT#24-500 ' (OCSD 27 N)	10/3/00	40	20	276
	D/C of 17th Steet (OCSD 21N)	10/3/00	<20	<20	324
10/3/00	Seal Beach - Breakwater to 300' D/C of Breakwater	see 10/11/00	80	185	214
	Newport Bay - Harbor Patrol Beach	10/5/00	220	158	331
	Newport Bay - Dunes North	see 10/18/00	230	256	158

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		Three Arch Bay - 150' U/C&D/C of Access Stairs (AWMA S3)	10/5/00	74	110	>400
	10/4/00	Aliso Beach - 150' U/C&D/C of Aliso Creek (Creek Release)	10/6/00	~	~	~
	10/6/00	Huntington State Beach - 150' U/C&D/C Newland St. (OCSD 9N)	10/8/00	20	20	136
		Huntington State Beach - Santa Ana River to 300' U/C (OCSD 0)	10/8/00	<20	<20	>400
	10/11/00	Rain Advisory - All Coastline	10/15/00	~	~	~
		Seal Beach - San Gabriel River Breakwater to Pier (1st St.)	see 10/13/00	800	332	10
		(8th Street)	see 10/13/00	3000	496	10
		Surfside - 150' U/C&D/C of Seaway	10/13/00	<20	31	121
		Huntington State Beach - 150' U/C&D/C Newland St. (OCSD 9N)	10/13/00	230	230	110
	(A)	All of Doheny (added Breakwater to 500' U/C of SJC)	see 1/11/01	5000	776	2613
	10/12/00	Huntington Harbour - 11th Street Beach	12/5/00	800	637	350
		Newport Bay - Dunes East	10/15/00	9000	265	131
		Newport Beach - Little Corona Beach	10/15/00	300	122	243
		Crystal Cove State Beach - 300' U/C Los Trancos	10/15/00	80	41	107
		Laguna Beach - Main Beach	10/15/00	16000	2851	1529
		San Clemente - Avenida Pico to (SERRA S17)	10/15/00	9700	5500	14200
		San Clemente Pier (SERRA S1)	10/17/00	720	390	590
		San Clemente - 150' U/C&D/C Las Palmeras (SERRA S23)	10/15/00	150	230	110
	10/13/2000 (R)	Seal Beach - Breakwater to 350' D/C of Breakwater (reduction)	see 11/21/00 (E)	16000	368	218
		Huntington State Beach - 500' U/C Magnolia (OCSD 0)	10/15/00	5000	700	116
		to Santa Ana River (OCSD 3N)	10/15/00	>16000	1100	102
	10/15/00	Dana Point Harbor - Boat Launch (From Closure)	10/18/00	230	73	187
	10/17/00	Huntington Harbor - Mother's Beach	10/19/00	20	20	175
	10/18/00 (E)	Newport Bay - Dunes East Swim Area to Pedestrian Bridge	see 11/3/00	20	<10	161
	10/25/00	Newport Bay - Onyx Avenue	10/27/00	800	988	171
		Newport Bay - 38th Street Beach	11/3/00	3000	74	135
	10/26/00	Newport Beach - Little Corona Beach	11/2/00	130	1421	262
		Crystal Cove State Beach - 300' D/C of El Morro Creek	11/2/00	40	41	185
		Laguna Beach - Emerald Bay	11/2/00	40	41	309
		Laguna Beach - Main Beach	11/2/00	230	156	292
	(R)	Capistrano County Beach (SERRA S11)	2/26/01 (see 3/2)	20	10	180
		(SERRA S13)	2/26/01 (see 3/2)	20	20	250
	(R)	Poche Beach - 150' U/C & 150' D/C of Poche Creek (SERRA S15)	see 12/7/00	20	10	900
	10/27/00	Rain Advisory - All Coastline	11/2/00	~	~	~
		Bolsa Chica State Beach - 150' U/C&D/C SLG#23 (OCSD 39N)	11/1/00	500	300	262
	10/29/00	Huntington State Beach - 500' U/C Beach Blvd. (OCSD 12N)	11/1/00	5000R	170R	136R
		to Santa Ana River (OCSD 9N)	11/2/00	16000R	230R	340R
		(11/1/00 - 500' U/C Newland to SAR) (OCSD 6N)	11/2/00	5000R	300R	202R
		(OCSD 3N)	11/2/00	3000R	800R	360R
		Newport Beach - 500' D/C Orange Street (OCSD 3S)	11/2/00	9000R	500R	262R
		(OCSD 0)	11/2/00	9000R	500R	278R
		Newport Beach - Corona del Mar State Beach (OCSD 29S)	11/1/00	9000R	130R	160R

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10/30/00	San Clemente-1000' U/C&D/C Pico Drain (From Closure)	see 11/2/00	5000	1187	1842
11/2/00 (R)	San Clemente - 300' Section of North Beach (From Closure)	11/4/00	90	20	161
11/3/00 (R)	Newport Bay - Dunes East	see 11/8/00	500	<10	<10
11/7/00 (E)	Capistrano Bay District	11/29/00	310	130	110
11/8/00	Huntington State Beach-150' U/C&D/C Brookhurst (OCSD 3N)	see 11/14/00	170	170	380
	Newport Bay - Dunes North	11/10/00	<20	10	10
	Newport Bay - Dunes East	11/15/00	500	605	187
	Newport Bay - Dunes Middle	11/10/00	170	209	1236
	Newport Bay - Dunes West	11/10/00	230	63	158
	Newport Bay - Rhine Channel	11/10/00	500	487	31
	Newport Bay - 19th Street Beach	12/6/00	800	1119	620
	Newport Bay - 38th Street Beach	11/10/00	2400	31	488
11/13/00	Newport Beach-300' of Corona del Mar State Bch (OCSD29S)	11/15/00	800	800	64
11/14/00 (E)	Huntington State Beach-500' U/C Magnolia to (OCSD 6N)	11/16/00	500	500	96
	500' D/C of Brookhurst (OCSD 3N)	11/15/00	300	300	134
	Laguna Beach - 300' of Main Beach	11/16/00	300	41	211
	Laguna Beach - Bluebird Canyon (AWMA S15)	11/16/00	>2000	>2000	420
11/15/00	Huntington City Beach-150' U/C & D/C Huntington St. (OCSD 15N)	11/17/00	<20	<20	258
11/16/00	Huntington Harbour - Sunset Aquatic Park	11/18/00	170	30	199
	Huntington State Beach-150' U/C & 150' D/C Brookhurst (OCSD 3N)	11/17/00	1300	1300	88
11/21/00	(E) Seal Beach - SGR Breakwater to Pier (1st Street)	see 12/1/00	300	31	71
	(8th Street)	11/24/00 (R)	170	10	168
	Huntington Harbour - Trinidad Beach	11/24/00	500	663	<10
	Huntington Harbour - Sunset Aquatic Park	12/21/00	300	185	474
	Newport Beach - Little Corona Beach	11/24/00	500	1616	85
11/27/00	Huntington State Beach - 150' U/C& D/C Brookhurst St. (OCSD 3N)	11/29/00	70	70	112
11/28/00	Laguna Beach - Lifeguard Headquarters to	11/30/00	800	63	132
	Hotel Laguna (AWMA S16)	11/30/00	220	190	270
	Laguna Beach - Three Arch Bay (AWMA S3)	11/30/00	36	26	360
	Dana Point - 300' North end of Salt Creek Beach (AWMA S2)	11/30/00	Cw/c	100	180
12/1/00 (E)	Seal Beach - SGR Breakwater to 700' D/C	see 12/5/00 (R)	500	272	52
12/5/00 (R)	Seal Beach - SCR Breakwater to 350' D/C	12/28/00	80	145	<10
12/6/00	Newport Bay - 300' of North Star Beach	12/8/00	300	776	10
	Newport Bay - Rhine Channel	12/8/00	3000	613	52
	Newport Bay - 300' of North end of Dunes	12/8/00	500	345	134
	Newport Bay - 300' of West end of Dunes	12/8/00	800	470	41
12/7/00	Huntington Harbour - Clubhouse Marina	12/9/00	1100	74	199
	(E) Dana Point - Capistrano Bay District to (SERRA S11)	Long Term 3/11/01	10	40	50
	500' D/C of Poche Creek (SERRA S13)	Long Term 3/11/01	60	10	50
	San Clemente - 150' D/C of Lifeguard Headquarters	12/9/00			
12/10/00	Huntington State Beach - 500' U/C & D/C Brookhurst St. (OCSD 3)	12/14/00	800	800	206
12/12/00	Huntington Harbour - 11th Street Beach	12/14/00	500	404	171

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		Laguna Beach - 300' of Main Beach	see 12/13/00	500	327	189
		Monarch Beach - Salt Creek to 300' D/C	12/14/00	220	10	156
	12/13/00	Newport Bay - Harbor Patrol Beach	12/15/00	130	31	121
		Newport Bay - Abalone Avenue	12/20/00	80	10	160
		Newport Bay - Grand Canal	12/15/00	20	20	213
		Newport Beach - 500' between 15th & 16th Streets (OCSD 15S)	12/15/00	500	500	264
		(E) Laguna Beach - 500' U/C of Lifeguard Headquarters to	see 12/14/00	500	327	189
		500' D/C of Hotel Laguna (AWMA S16)	~	>400	96	350
		Dana Point - 150' D/C & 150' U/C Selva Ramp	12/14/00	12	12	200
		San Clemente - 300' of North End of North Beach	12/15/00	650	240	1100
	12/14/00	(R) Laguna Beach - 300' at Hotel Laguna (AWMA S16)	12/22/00	280	170	50
	12/20/00	Newport Bay - Rhine Channel	12/27/00	9000	24192	31
		Newport Bay - 10th Street Beach	12/22/00	20	61	379
	12/21/00	Huntington Harbour - 11th Street Beach	Long Term 3/11/01	1700	452	318
	12/27/00	Newport Bay - Abalone Avenue	1/6/01	20	<10	41
	12/28/00	Huntington Harbour - Sunset Aquatic Marina	12/30/00	40	10	52
		Huntington Harbour - Admiralty Drive Channel	2/23/01	90	110	364
	2000 Summary	Postings Rain Advisories Creek Releases Misc.				
	January	26 1				
	February	3 3				
	March	18 1				
	April	26 1				
	May	23 0				
	June	24 0				
	July	33 0 1				
	August	28 0 1				
	September	26 1				
	October	30 2 1				
	November	18 0				
	December	22 0				
	Totals	277 9 3				
1	1/4/01	Newport Bay - Newport Dunes East	1/6/01	1700	1414	<10
2	1/5/01	Seal Beach - SGR breakwater to 300' downcoast	1/19/01	<20	20	80
3		Newport Beach - 300' of Corona del Mar State Beach (OCSD 29S)	1/7/01	300	300	158
4	1/7/01	Huntington State Beach - 500' U/C & D/C Brookhurst (OCSD 3N)	1/18/01	1100	1100	172
1	1/8/01	Rain Advisory - All Coastline	1/16/01	~	~	~
	1/11/01 (R)	Doheny State Beach-Ped. Bridge to end park (Red. due to closure)	see 1/18/01 (E)	~	~	~

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5	1/18/01	Newport Beach - 300' @ Orange Street (OCSD 3S)	1/19/01	2200	220	32
6		Newport Bay - Dunes All - Middle	2/23/01	800	122	669
		Newport Bay - Dunes All - West	2/9/01	3000	2046	4352
		Newport Bay - Dunes All -East	1/20/01 (R)	330	74	98
		Newport Bay - Dunes All - North	1/20/01 (R)	300	74	160
7		Newport Bay - 38th Street	1/25/01	16000	86	134
8		Newport Bay - North Star Beach	2/23/01	500	187	5172
9		Newport Bay - Alvarado & Bay Isle	1/20/01	230	<10	135
	(E)	All of Doheny State Park Beach(reposting after closure-see 1/11/01)	2/26/01(see 3/2)	~	~	~
10	1/19/01	Seal Beach - 8th Street	see 1/25/01 (E)	300	85	311
11	1/23/01	Salt Creek Beach - Salt Creek to 300' D/C	1/31/01	800	253	253
2	1/24/01	Rain Advisory - All Coastline	1/31/01	~	~	~
12	1/25/01 (E)	Seal Beach - SGR Breakwater to Seal Beach Pier	see 2/2/01	230	74	171
13		Newport Bay - Lido Isle Yacht Club Beach	1/31/01	230	121	259
	2/2/01(R)	Seal Beach - SGR breakwater to 300' downcoast	2/3/01	~	~	~
14		Huntington State Beach - 150' U/C & D/C Brookhurst (OCSD 3N)	see 2/3/01	2800	~	24
	2/3/01(E)	Huntington State Beach - 500' U/C & D/C Brookhurst (OCSD 3N)	see 2/6/01	2800	2800	24
	2/6/01(R)	Huntington State Beach - 150' U/C & D/C Brookhurst (OCSD 3N)	2/8/01	~	~	~
15		Newport Beach - 300' at north end of Corona del Mar State Beach	2/8/01	80	131	109
16	2/7/01	Seal Beach - 150' U/C & D/C of 8th Street	2/9/01			54
17		Huntington City Beach-500' U/C&D/C Dog Beach (OCSD 27N)	2/9/01	800	800	184
18		Newport Bay - Onyx Avenue	2/9/01	9000	12033	7701
19		Newport Bay - Sapphire Avenue	2/9/01	20	10	185
20		Newport Bay - Via Genoa	2/9/01	130	20	109
21		Newport Bay - Promontory Point Channel	2/9/01	300	52	5794
22		Newport Bay - Harbor Patrol Beach	2/9/01	130	86	240
23	2/8/01	Huntington City Beach-150' U/C&D/C Huntington St. (OCSD 15N)	2/9/01	800	500	64
24		Huntington Harbour - Humboldt Beach	2/10/01	3000	73	3076
25		Huntington Harbour - Davenport Beach	2/10/01	2400	10	272
26		Huntington Harbour - Coral Cay Beach	2/10/01	3000	4611	1935
27		Laguna Beach - 150' U/C&D/C of Laguna Hotel (AWMA S16)	2/10/01	Cw/C	410	>2000
28		Laguna Beach - 150' U/C&D/C of Bluebird Canyon Dr. (AWMA S17)	2/10/01	470	130	160
29		Aliso Beach - Treasure Island (AWMA S11)	2/10/01	190	30	110
		- Aliso North (AWMA S10)	2/10/01	220	70	140
		- Aliso Mid (AWMA S9)	2/10/01	480	2310	140
		- Aliso South (AWMA S8)	2/10/01	200	100	160
3	2/10/01	Rain Advisory - All Coastline	2/16/01	~	~	~
30	2/17/01	Huntington State Beach -300 ' U/C of SAR to	~	~	~	~
		Newport Beach - 300' D/C of SAR (from closure)	2/20/01	~	~	~
4	2/20/01	Rain Advisory - All Coastline	3/13/01	~	~	~
31	2/21/01	Laguna Beach - 150' U/C & D/C of Anita Street (from closure)	2/23/01	~	~	~
32	2/25/01	Huntington State Beach 1000 ' U/C of SAR to	~	~	~	~

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		Newport Beach - 1000' D/C of SAR (from closure)	3/8/01	~	~	~
33		Newport Beach - Newport Slough (from closure)	3/11/01	~	~	~
1	3/2/2001 (C)	Dana Point-Doheny St. Beach(from closure-reposting-see 1/18/01)	Long Term 3/11/01	~	~	~
	(C)	Dana Point-Capo. Co. Beach (from closure-reposting see 10/26/00)	Long Term 3/11/01	~	~	~
2	3/14/01	Newport Bay - Sapphire Avenue	3/16/01	20	10	121
3		Newport Bay - North Star Beach	3/16/01	500	97	132
4		Laguna Beach - Cress Street D/C to Pearl Street (dead fish & birds	3/15/01	430	300	350
1		San Clemente - 150' U/C & D/C of Riveria Tunnel (Creek Release)	3/15/01	~	~	~
5	3/15/01	Huntington Harbour - Trinidad Beach	3/17/01	800	556	63
6		Newport Beach - Newport Slough	3/17/01	6131	30	131
7	3/19/01	Newport Beach - 150' U/C & D/C of Orange Street	3/20/01	800	>400P-170	80
8	3/20/01	Dana Point - 300' of Salt Creek Beach @ south End of Ritz Cove	3/21/01	26	1	130
9		Newport Bat - Dunes Middle	3/22/01	70	50	150
10	3/22/001	Huntington Harbour - Mother's Beach	3/24/01	530	540	40
11	3/27/01	Aliso Beach - Aliso Creek D/C to Camel Point (AWMA S8)	3/29/01	510	330	320
		(AW	~	200	110	160
12		Newport Bay - Grand Canal	3/29/01	30	10	150
13		Newport Bay - Rocky Point	3/31/01	460	520	70
14	3/28/01	Laguna Beach - 300' of Victoria Beach (AWMA S14)	3/29/01	Cw/C	>400	64
15	3/29/01	Huntington Harbour - Huntington Harbour Marina	3/31/01	TNTC	10800	7600
16		Huntington Harbour - Admiralty Drive	3/31/01	10	10	200
17		Huntington Harbour - Anaheim Bay Gas Dock	3/31/01	10	10	200
18	3/30/31	Crystal Cove State Park - Muddy Creek	4/1/01	8800	2000	1600
19		Monarch Beach - 300' D/C of Salt Creek	4/1/01	30	40	260
1	4/3/01	Newport Bay - Dunes East	4/5/01	330	350	120
2		Newport Bay - Alvarado & Bay Isle	4/12/01	100	20	480
3		Newport Bay - Rhine Channel	4/5/01	>4400	>3400	95
4	4/5/01	Seal Beach - 500' D/C of Seal Beach Pier	4/7/01	3000	2400	1090
5		Huntington Harbour - Huntington Harbour Marina	4/7/01	4800	3600	340
6		Newport Slough - Grant Street	4/7/01	150	40	130
7	4/6/01	Aliso Beach - 150' U/C & D/C of Concession Stand	4/9/01			
1	4/7/01	Rain Advisory - All Coastline	4/13/01	~	~	~
8	4/8/01	Huntington State Beach - 500' U/C Newland Street (OCSD 9N)	4/11/01	170	170	112
		to 500' D/C of Magnolia Street (OCSD 6N)	~	300	300	136
9	4/10/01	Newport Bay - 38th Street Beach	4/12/01	2000	90	1000
10		Newport Bay - Lido Isle Yacht Club Beach	4/12/01	TNTC	570	130
11		Newport Bay - Via Genoa	4/12/01	TNTC	650	120
12		Newport Bay - Bayshore Beach	4/15/01	18400	230	70
13		Newport Bay - DeAnza Ramp	4/12/01	22200	370	110
14		Newport Bay - Harbor Patrol Beach	4/17/01	90	170	410
15		Newport Bay - Onyx Avenue	4/12/01	4000	130	150
16		Newport Bay - "N" Street Beach	4/12/01	>17000	150	10

1999-2000

2001 Summary	Postings	Rain Advisories	Creek Releases	Misc.
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POSTING LOG FOR AB411

	February	33	4				
	March	19	0	1			
	April	32	2				
	May						
	June						
	July						
	August						
	September						
	October						
	November						
	December						
	Totals						

May 15, 2001

SAN DIEGO REGIONAL
WATER QUALITY
CONTROL BOARD



2001 MAY 15 P 4:58

Chairman John Minan and Boardmembers
Regional Water Quality Control Board, San Diego Region
9771 Clairemont Mesa Blvd., Suite A
San Diego, CA 92124

Re: CWA Section 303(d) Listing

Dear Chairman Minan and Boardmembers:

San Diego BayKeeper, a community-based 501(c)(3) non-profit organization dedicated to protecting and restoring the region's bays, coastal waters and watersheds, submits these comments on the 2002 Clean Water Act (CWA) section 303(d) listing. San Diego BayKeeper has serious concerns with the adequacy of the current 303(d) list for the region, and we are equally concerned about the direction staff may be taking in compiling the April 2002 listing.

First, we remain concerned that Region 9's proposed 303(d) list is not based on a comprehensive assembly and review of information and data on water quality and other impairments regarding all water bodies in Region 9, as the Clean Water Act and its implementing regulations require. *See, e.g., 40 C.F.R. Section 130.7.* Indeed, wholly apart from the Section 303(d) scheme, under Clean Water Act Section 305(b) and accompanying regulations, each regional board must conduct a regional water quality assessment (WQA) of all water bodies in its region. It is clear from an even cursory review of the most recent 1998 California Water Quality Assessment Report, prepared in August 1999 by the Division of Water Quality, State Water Resources Control Board, that such a comprehensive review has yet to be performed in the San Diego region. After a brief review of data in the 1998 WQA, BayKeeper has concluded that, more than twenty years after these requirements were established, at least 80% of San Diego's waters have not yet been fully assessed. Moreover, much of the data that has been gathered may not be easily accessed or understandable. In other words, this data is never fully reviewed or analyzed.

BayKeeper is also concerned about the requirements placed upon organizations wishing to submit information to support the upcoming 2002 CWA section 303(d) listing. The 305(b) and 303(d) lists are essential steps in first understanding and then addressing the overall health of our waters. Not only will the development of comprehensive and accurate 303(d) and 305(b) reports ensure that waters receive the appropriate level of protection through development of Total Maximum Daily Loads or antidegradation policies, but accurate lists will help ensure resources will be allocated wisely. Proper listings will also allow the region to tap into state and federal dollars earmarked for protecting impaired waters (e.g. SWRCB's 319(h) program or Proposition 13). Despite the importance of the 303(d) list, though, those local residents most knowledgeable about their local waters and most impacted by pollution will have a difficult time complying with the submittal requirements established by this Board even though they may have vital and reliable data. Some of our specific concerns relate to:

Timeframe – Region 9, like other regions, is requiring all information to be submitted by May 15, 2001, a full 11 months prior to the final 2002 303(d) listing. We believe this deadline is not only arbitrary, but also extremely difficult to comply with due to the amount of information being requested in a short timeframe. The San Diego Regional Board did not issue their solicitation for information until March 2001, and a formal workshop to discuss the Board's submission requirements was not held until April 4, 2001. This has left interested parties with a scant six weeks to gather and process information. Considering the more than twenty years the regional board has had to develop sufficient 303(d) and

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A 501(c)(3) non profit organization and member of the International Water Keeper Alliance

305(b) reports (which we are still waiting for), less than six weeks to provide needed data is wholly insufficient. BayKeeper intends to continue providing information to regional board staff through the two remaining public comment periods – August 2001 (when RWQCBs solicit input on draft 303(d) list recommendations) and Winter/Spring 2002 (when the SWRCB conducts formal public hearings on the draft 303(d) list). It is our expectation that the data provided in this timeframe will be reviewed and assessed by regional and state board staff for the 2002 listing.

Required Documentation – The regional board has indicated they will consider information and data generated since July 1997 that is provided both in hard copy as well as electronic formats, and that includes 'bibliographic citations, identification of software used, model outputs with calibration and quality assurance information and description and interpretation of information provided.' In separate meetings with regional board staff, BayKeeper has been told that data that can demonstrate trend analysis, that has been replicated and that covers physical, chemical *and* biological parameters will be most useful in helping to establish an accurate 303(d) list.

BayKeeper appreciates that the more comprehensive the data we are able to provide, the better. We are nonetheless concerned that these requirements are far beyond the criteria of 'reliability' which we believe is appropriate. In fact, it is our assertion that the Regional Board must use *all* relevant, reasonably available data (e.g. water quality, sediment, fish tissue, photos, narrative standards, land use plans, videotapes media coverage) to list waters. Listing should occur if evidence under reasonably foreseeable conditions indicates that a standard (e.g., California Toxics Rule, National Toxics Rule, Basin Plans, beneficial uses) is, or will be, violated. Where judgment calls are required, BayKeeper believes the Regional Board must err on the side of environmental and human health protection.

We assert such an interpretation is embodied in the requirement that "Each State shall identify those waters within its boundaries for which the effluent limitations...are not stringent enough to implement any water quality standard applicable to such waters." (CWA, section 303(d)(1)(A), *emphasis added*) Furthermore, the Clean Water Act and its implementing regulations also distinguish between those existing uses that are actually being attained and designated beneficial uses that *must still be protected*, whether or not they are currently being attained.

Yet, the submittal requirements of the regional board require a rigor that is both unrealistic and unnecessary for listing. First, it is extremely costly to undertake much of the scientific analysis being requested by the Board, particularly if multiple replicates are being requested, as is trend analysis. It is unreasonable to expect small, grassroots organizations or concerned citizens to incur these types of expenses. In fact, to undertake some of the water quality analysis being requested by the regional board is costing BayKeeper thousands of dollars, and these costs would be substantially higher if we rushed our orders to meet the May 15 deadline. With limited resources, we decided not to rush these orders, meaning certified lab testing of metals, pesticides and herbicides along the San Diego River will be submitted after May 15, but as soon as is practicable.

It is also often impossible for local residents to gain access to some heavily polluted waters to conduct the types of analysis being requested, particularly as these residents often fear reprisals from local businesses that may be impacted by a demonstration that they are polluting these waters. This is a real and serious problem BayKeeper has faced in trying to gather data for this listing from local residents, particularly along certain areas of the San Diego River.

BayKeeper is also uncertain about the requirement that data be generated since July 1997. Again, we understand the need for reliable data, and more current data would be preferable. We also recognize that it is not necessary to provide pre-1997 data that has already led to a listing in 1998 or before (other than possibly using data to ensure that inappropriate delisting does not occur). However, we believe that valid

pre-1997 data (particularly that data that the Board already possess) that demonstrates impairment, but which has not yet led to a listing, must be considered by this Board. If fact, as is discussed in greater detail below, the 1998 WQA report includes listings of several water bodies that show some level of impairment but which have not yet been listed. Listing those waters for which information already exists must be the first step in the 2002 listing.

Finally, while BayKeeper – through its ever-expanding Citizen Water Quality Monitoring taskforce – looks forward to working closely with regional board staff to undertake a more comprehensive assessment of local waters, the ultimate burden of listing lies with your agency. Because of the importance of the 2002 list in terms of water quality protections as well as access to resources to help restore waters, we will do everything within our power to point regional board staff in the direction of identifying impaired waters. However, we believe it is the duty of this Board – a duty that has not yet been met – to prepare complete and accurate 305(b) and 303(d) lists. The following information on waters we believe should be listed will need follow-up from regional board staff, and in no way is meant to represent a comprehensive listing of all of San Diego's waters which may be impaired.

303(d) List

BayKeeper believes the first step in preparing an accurate 2002 303(d) list is necessarily to review the most recent 1998 Water Quality Assessment. In that report, a matrix is provided which lists each separate hydrological unit in San Diego, and indicates whether each unit has or has not been assessed. For those that have been assessed, the matrix indicates whether these waters are supporting designated beneficial uses fully, partially, not at all, or whether beneficial uses are threatened. For the reasoning highlighted above, BayKeeper believes it is incumbent on the regional board to err on the side of environmental and human health protection, meaning that listing should occur for every assessed water body that is not meeting designated beneficial uses. This is not the case with the 1998 WQA report, and some examples follow:

Dana Point Harbor (Hydrological Unit 901.140) – listed as 215 acres fully supporting designated beneficial uses. Yet, the assessment comments column indicates that Dana Point Harbor and Baby Beach were closed from 8/96 to 7/97 to water contact recreation. As Dana Point Harbor is listed as meeting Recreation 1 and 2 standards, it should be listed as impaired if it was indeed closed for nearly a year to water contact.

San Diego Bay (Hydrological Unit 900.00) – While 222 acres of San Diego bay are listed as impaired due to benthic community effects, sediment toxicity and copper, 11772 acres are threatened, but not listed as impaired. The WQA assessment indicates that the entire bay (12000 acres) is posted with warnings for pregnant women and young children against consumption of fish due to elevated levels of PCB's, mercury and PAH's. By the Regional Board's own findings and by definition, BayKeeper believes the entire Bay should be listed as impaired.

Escondido Creek - (Hydrological Unit 904.600) – 23 miles of Escondido Creek are considered 'threatened' due to excessive sediment and nutrients, and should thus be listed as impaired.

Forester Creek - (Hydrological Unit 907.130) – 1 mile of Forester Creek is considered 'threatened' due to elevated fish tissue levels, and should thus be listed as impaired.

Otay River - (Hydrological Unit 910.200) – 5 miles of the Otay River are listed as only partially supporting designated beneficial uses, and should thus be listed as impaired.

Salt Creek - (Hydrological Unit 901.140) – Salt Creek was closed regularly in 1996 and 1997 due to elevated coliform levels from sewage spills, and should thus be listed as impaired.

San Diego River, Lower - (Hydrological Unit 907.110) - 6 miles of the Lower San Diego River is considered 'threatened' due to elevated coliform levels and exotic plant species, and should thus be listed as impaired. (Discussed in greater detail below.)

San Juan Creek, Upper Middle - (Hydrological Unit 901.260) - 3.2 miles of the Upper Middle San Juan Creek is considered 'threatened' due to elevated coliform levels, and should thus be listed as impaired.

San Luis Rey River, Lower - (Hydrological Units 903.100) - 18.7 miles of the Lower San Luis Rey River is considered 'threatened' due to elevated coliform levels and exotic plant species, and should thus be listed as impaired.

San Diego River

BayKeeper is submitting a separate letter and supporting materials detailing portions of the San Diego River for which sufficient information exists to require a 303(d) listing.

Otay/Sweetwater Rivers

BayKeeper is aware of several comment letters and photographs submitted by Ray Ymzon, Board Member of the Sweetwater Valley Civic Association to the San Diego Regional Water Quality Control relating to 401 certification for the proposed SR-125 toll road. These letters and photos demonstrate increasing trash, and apparent oil and grease problems, at a minimum, along stretches of the rivers, particularly the Sweetwater. We believe further investigation and likely listing is warranted based on the information provided. BayKeeper has not provided copies of these materials, as they should already be in your files.

On behalf of San Diego BayKeeper, I appreciate the opportunity to provide comments on the 2002 CWA section 303(d) listing, and hope they are helpful. A great deal of work is needed to ensure a complete and accurate listing in 2002 and beyond, and BayKeeper looks forward to working with the regional board to ensure such listings. Please do not hesitate to contact me should you have any questions need additional information.

Sincerely,



Bruce Reznik
Executive Director