

1987

# California Beach Closure Report

**DRAFT**

September 1998

**Division of Water Quality**

**STATE WATER RESOURCES CONTROL BOARD  
CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY**

## EXECUTIVE SUMMARY

Chapter 961, Statutes of 1992 (SB 1865, Hart) requires the Director of Environmental Health of each coastal county to report to the State Water Resources Control Board (SWRCB) annually by March 30 the number of beach closures due to threats to public health within their jurisdiction. The SWRCB is then required to submit this information to the Legislature by the following September 30. This, the fifth of these annual reports, documents 154 beach closures for 1997.

Table 1 lists the number of beach closures/postings for 1997 for each coastal county, organized geographically from north to south. Following the summary table are the submittals from each coastal county to the SWRCB in a standard format.

The vast majority of the closures were due to the release of inadequately treated sewage resulting from broken, blocked, or damaged lines, heavy influx of rainwater, power outages, and pump failures. The other causes of closures included urban runoff and unknown sources. The county beaches north of San Francisco are not regularly monitored except in the case of complaints. Most closures occurred from Santa Barbara County south. This difference between north and south is consistent from year to year and is linked to the greater recreational use of beaches in the southern half of the State. Monitoring programs are generally more extensive in southern California and more vigorous monitoring often reveals more contamination. Also, the mild weather in southern California allows for beach recreation during the rainy season, and rainfall runoff often leads to closures.

Comparisons of closure totals among counties are difficult to interpret. One reason for this is the local system for naming a beach. A named beach in one county may be only a few hundred yards long, whereas a beach in a different county can be five miles long. Some agencies do not report individual beach names in their reports to the SWRCB. Therefore, identifying a closure incident does not reveal the length of coastline affected. Some counties routinely post storm drains but do not include these data in their yearly report.

The more heavily urbanized shorelines have more closures than less populated areas. City storm drains can carry contaminated runoff directly to the ocean. A 1996 report from the Santa Monica Bay Restoration Project linked an increased risk of intestinal and respiratory illness with swimming in water contaminated with stormwater drainage. This information has led to permanent warnings in areas where city storm drains empty to the ocean.

Other factors that confound trend analysis include the following:

- Professional judgement and past experience often form the basis for closing a beach. Different conditions may trigger closures in different counties.
- Yearly changes in the duration and intensity of rainfall events affect the number of beach closures. It is difficult to make comparisons as beach closures can be caused by prolonged wet weather in "wet years" as well as cloudbursts in low rainfall years.
- Part of the response to past beach closure problems associated with overflows and sewerage systems spills involves increased monitoring, which has the potential to reveal more problems.

The SWRCB and the coastal Regional Water Quality Control Boards (RWQCBs) operate several programs to address the causes of beach closures. The core regulatory program of permitting, enforcement and compliance monitoring plays a vital role. For example, the responsible sewerage entity must report sewage spills of greater than 100 gallons to the appropriate RWQCB. In addition to follow-up activities, such incidents are tabulated and presented to RWQCB members at their monthly public meetings. In regard to oil spills, the typical reportable quantity is one barrel and such instances are reported to the Office of Emergency Services which in turn contacts the appropriate RWQCB. Where urban runoff has caused a closure, the recent implementation of stormwater permits under the National Pollutant Discharge Elimination System (federal permits program) will assist follow up. Other programs which assist in addressing the cause of beach closures include cooperative and public outreach

partnership endeavors such as the Santa Monica Bay Restoration Project, the development of ocean water quality standards as represented by the California Ocean Plan and funding assistance such as the State Revolving Fund Program.

R.MCCRAW:jhisao

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TABLE 1. CALIFORNIA BEACH CLOSURES DURING 1997\*

COUNTY (NORTH TO SOUTH)	NUMBER OF CLOSURES/ POSTINGS	NUMBER OF DAYS CLOSED/ POSTED	REASON(S)
Del Norte	0		
Humboldt	0		
Mendocino	0		
Sonoma	0		
Marin	0		
San Francisco	23	101	Rain
Contra Costa	0		
Alameda	0		
San Mateo	40	278	Sewage
Santa Cruz	0		
Monterey	1	2	Sewage spill
San Luis Obispo	5	393	Storm runoff, sewage spill, permanent closure (365 days) for historic oil spill
Santa Barbara.	5	307	Sewage spills, urban runoff, one permanent closure, source under investigation (275 days)
Ventura	1	1	Sewage spill
Los Angeles	4	9	Broken, clogged sewer lines, treatment plant malfunction, septic tank overflow
Orange	20	598	Pump failure, line blockage
San Diego	55	696	Sewage spills, urban runoff, rain; 3 seasonal/permanent closings account for 523 days (include 2 seasonal closing greater than 12 weeks each and 1 permanent closure due to elevated levels of bacteria from marine mammals). 27 stormdrains are permanently posted (not counted)

\* For the number of beaches affected and their names, please refer to individual county tables included in this report.

**\*\* BEACH CLOSURES - 1997 \*\***

(A Report to the State Water Resources Control Board)

COUNTY: Del Norte CONTACT: Steve Landes/Leon Peterault PHONE: (707) 464-3191  
ADDRESS: 880 Northcrest Drive, Crescent City, CA 95531

DATE		<u>BEACH/AREA CLOSED</u>	<u>REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)</u>
<u>CLOSED</u>	<u>OPENED</u>		

NO BEACH CLOSURES OCCURRED IN 1997

# **\*\* BEACH CLOSURES - 1997 \*\***

(A Report to the State Water Resources Control Board)

COUNTY: Humboldt      CONTACT: Harry Nethery      PHONE: (707) 445-6215  
ADDRESS: 100 H Street, Suite 100, Eureka, CA 95563

DATE		<u>BEACH/AREA CLOSED</u>	<u>REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)</u>
<u>CLOSED</u>	<u>OPENED</u>		

NO BEACH CLOSURES OCCURRED IN 1997

**\*\* BEACH CLOSURES - 1997 \*\***

(A Report to the State Water Resources Control Board)

COUNTY: Mendocino CONTACT: Jim Ehlers PHONE: (707) 961-2714  
ADDRESS: 790-A1 South Franklin Street, Fort Bragg, CA 95437

DATE		<u>BEACH/AREA CLOSED</u>	<u>REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)</u>
<u>CLOSED</u>	<u>OPENED</u>		

NO BEACH CLOSURES OCCURRED IN 1997



**\*\* BEACH CLOSURES - 1997 \*\***

(A Report to the State Water Resources Control Board)

COUNTY: Sonoma CONTACT: Bob Herr  
ADDRESS: 1030 Center Drive, Suite A, Santa Rosa, CA 95403

PHONE: (707) 525-6544

DATE  
CLOSED    OPENED

BEACH/AREA CLOSED

REASON FOR CLOSURE/  
AMOUNT SPILLED (GALLONS)

NO BEACH CLOSURES OCCURRED IN 1997

**\*\* BEACH CLOSURES - 1997 \*\***

(A Report to the State Water Resources Control Board)

COUNTY: Marin CONTACT: Ed Stewart  
ADDRESS: 3501 Civic Center Drive, San Rafael, CA 94903

PHONE: (415) 507-4124

DATE		<u>BEACH/AREA CLOSED</u>	<u>REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)</u>
<u>CLOSED</u>	<u>OPENED</u>		

NO BEACH CLOSURES OCCURRED IN 1997

# \*\* BEACH CLOSURES - 1997 \*\*

(A Report to the State Water Resources Control Board)

COUNTY: San Francisco      CONTACT: Lorraine Anderson      PHONE: (415) 252-3845  
 ADDRESS: Environmental Health Management  
1390 Market Street, Room 210, San Francisco, CA 94102

	DATE		BEACH/AREA CLOSED*	REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)
	CLOSED	OPENED		
1.	01/01/97	01/03/97	Baker Beach	Rain
2.	01/01/97	01/03/97	China Beach	Rain
3.	01/01/97	01/06/97	Ocean Beach	Rain
4.	01/01/97	01/09/97	Crissey Field	Rain
5.	01/01/97	01/09/97	Candlestick Park	Rain
6.	01/01/97	01/13/97	Aquatic Park	Rain
7.	01/06/97	01/07/97	Baker Beach	Rain
8.	01/06/97	01/07/97	China Beach	Rain
9.	01/14/97	01/15/97	Baker Beach	Rain
10.	01/23/97	01/28/97	Baker Beach	Rain
11.	01/23/97	01/28/97	China Beach	Rain
12.	01/23/97	01/28/97	Ocean Beach	Rain
13.	01/25/97	01/29/97	Crissey Field	Rain
14.	01/25/97	01/29/97	Aquatic Park	Rain
15.	01/25/97	01/29/97	Candlestick Park	Rain
16.	08/21/97	08/22/97	Aquatic Park	Rain
17.	08/22/97	08/25/97	Ocean Beach	Rain
				(San Mateo Co outfall obstruction)
18.	11/10/97	11/13/97	Baker Beach	Rain
19.	11/26/97	12/02/97	Baker Beach	Rain
20.	11/26/97	12/02/97	Ocean Beach	Rain
21.	11/26/97	12/02/97	Crissey Field	Rain
22.	11/26/97	12/02/97	Aquatic Park	Rain
23.	12/07/97	12/10/97	Baker Beach	Rain

\* ALL DATES ARE FOR POSTING OF WARNING SIGNS ONLY; THERE WERE NO BEACHES CLOSED IN 1997

# **\*\* BEACH CLOSURES - 1997 \*\***

(A Report to the State Water Resources Control Board)

COUNTY: Contra Costa                      CONTACT: Constance Stavros                      PHONE: (925) 646-5225  
ADDRESS: 2120 Diamond Blvd., Ste. 200, Concord, CA 94520

DATE		<u>BEACH/AREA CLOSED</u>	<u>REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)</u>
<u>CLOSED</u>	<u>OPENED</u>		

NO BEACH CLOSURES OCCURRED IN 1997

**\*\* BEACH CLOSURES - 1997 \*\***

(A Report to the State Water Resources Control Board)

COUNTY: Alameda CONTACT: George Young PHONE: (510) 567-6772  
ADDRESS: 1131 Harbor Bay Pkwy, Alameda, CA 94502

DATE		<u>BEACH/AREA CLOSED</u>	<u>REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)</u>
<u>CLOSED</u>	<u>OPENED</u>		

NO BEACH CLOSURES OCCURRED IN 1997

# \*\* BEACH CLOSURES - 1997 \*\*

(A Report to the State Water Resources Control Board)

COUNTY: San Mateo                      CONTACT: Brian Zamora                      PHONE: (650) 363-4305  
 ADDRESS: 590 Hamilton Street, 4th Floor, Redwood City, CA 94063

	DATE		BEACH/AREA CLOSED	REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)
	CLOSED	OPENED		
1.	01/01/97	01/09/97	Francis Beach, Half Moon Bay	Sewage overflow
2.	01/01/97	01/09/97	Surfer's Beach, Pillar Point	Sewage overflow
3.	01/01/97	01/09/97	Miramar Beach	Sewage overflow
4.	01/01/97	01/09/97	Pillar Point Harbor	Sewage overflow
5.	01/01/97	01/09/97	El Granada mobile Home Park	Sewage overflow
6.	01/01/97	01/09/97	Fitzgerald Marine Reserve	Sewage overflow
7.	01/02/97	unknown	Linda Mar Beach	?
8.	01/11/97	01/13/97	Ditch at Virginia & Vermont	Sewage overflow
9.	01/11/97	01/13/97	Creek at Sunshine Valley & Stetson	Sewage overflow
10.	01/11/97	01/13/97	Creek at Sunshine Valley & California	Sewage overflow
11.	01/17/97	01/19/97	The Strand, Carlos @ Virginia	Sewage overflow
12.	01/23/97	01/25/97	Francis Beach, Half Moon Bay	Sewage overflow
13.	01/23/97	01/25/97	The Strand, Carlos @ Virginia	Sewage overflow
14.	01/25/97	unknown	Linda Mar Beach	?
15.	01/30/97	02/06/97	Fitzgerald Marine Reserve	*
16.	01/30/97	02/14/97	Linda Mar Beach	*
17.	01/30/97	02/14/97	End of West Point, Pillar Point	*
18.	01/30/97	unknown	Beach across from Shorebird	*
19.	01/31/97	02/01/97	The Strand, Carlos @ Virginia	Sewage overflow
20.	03/23/97	unknown	Rockaway Beach	?
21.	03/31/97	unknown	Southeast side of Oyster Point Marina	Sewage overflow
22.	07/03/97	07/05/97	Marina Lagoon, Lakeshore, San Mateo	*
23.	07/03/97	07/05/97	Marina Lagoon, Aquatic Pk, San Mateo	*
24.	07/03/97	07/05/97	Surfer's Cove, SanMateo	*
25.	07/06/97	unknown	Colma Creek across from SSF WWTP	Sewage overflow
26.	07/17/97	07/31/97	Marina Lagoon, Lakeshore, San Mateo	*
27.	07/24/97	07/31/97	Marlin Park, Redwood Shores	*
28.	07/24/97	07/31/97	Erkenbrack Park, Foster City	*
29.	08/21/97	08/28/97	Fitzgerald Marine Reserve	*
30.	09/04/97	unknown	San Vicente Creek	*

\* Routine sampling indicated elevated bacteriological levels

# **\*\* BEACH CLOSURES - 1997 \*\***

(A Report to the State Water Resources Control Board)

COUNTY: San Mateo (CONTINUED)

	DATE		<u>BEACH/AREA CLOSED</u>	<u>REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)</u>
	<u>CLOSED</u>	<u>OPENED</u>		
31.	09/10/97	unknown	Colma Creek across from SSF WWTP	Sewage overflow
32.	09/23/97	unknown	Colma Creek across from SSF WWTP	Sewage overflow
33.	09/26/97	10/17/97	Marina Lagoon, Lakeshore, San Mateo	*
34.	10/03/97	10/09/97	Marina Lagoon, Aquatic Pk, San Mateo	*
35.	10/17/97	10/23/97	End of West Point, Pillar Point	*
36.	11/17/97	12/16/97	Marina Lagoon, Aquatic Pk, San Mateo	*
37.	11/17/97	01/02/98	Marina Lagoon, Lakeshore, San Mateo	*
38.	12/09/97	12/18/97	Surfer's Beach, Pillar Point	Sewage overflow
39.	12/16/97	unknown	Storm drain next to Surfer's Beach	Sewage overflow
40.	12/27/97	12/29/97	Pilarcitos Creek	Sewage overflow

\* Routine sampling indicated elevated bacteriological levels

All beaches with unknown opening dates were counted as closed 2 days (per telephone conversation with Lorraine Lew-White)

**\*\* BEACH CLOSURES - 1997 \*\***

(A Report to the State Water Resources Control Board)

COUNTY: Santa Cruz CONTACT: John Ricker PHONE: <sup>831</sup>~~(408)~~ 454-2022  
ADDRESS: 701 Ocean Street, Room, 312, Santa Cruz, CA 95060

DATE		<u>BEACH/AREA CLOSED</u>	<u>REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)</u>
<u>CLOSED</u>	<u>OPENED</u>		

NO BEACH CLOSURES OCCURRED IN 1997



# **\*\* BEACH CLOSURES - 1997 \*\***

(A Report to the State Water Resources Control Board)

COUNTY: Monterey                      CONTACT: Jim Finney  
ADDRESS: 1200 Aguajito Road, Monterey, CA 93940-4898

PHONE: (408) 647-7863

<u>DATE</u>		<u>BEACH/AREA CLOSED</u>	<u>REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)</u>
<u>CLOSED</u>	<u>OPENED</u>		
1. 03/14/97	03/16/97	San Carlos	450 gallon sewage spill

# **\*\* BEACH CLOSURES - 1997 \*\***

(A Report to the State Water Resources Control Board)

COUNTY: San Luis Obispo CONTACT: Mike Doherty PHONE: (805) 781-5544  
ADDRESS: P.O. Box 1489, San Luis Obispo, CA 93406

<u>DATE</u>		<u>BEACH/AREA CLOSED</u>	<u>REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)</u>	
<u>CLOSED</u>	<u>OPENED</u>			
Continuous		Guadalupe Beach	Oil diluent spill - historical	
<b><u>Advisories</u></b>				
1.	01/03/97	01/10/97	Avila Beach	Storm runoff
2.	01/18/97	01/25/97	Avila Beach	Sewage spill City of San Luis Obispo to San Luis Creek
3.	11/10/97	11/17/97	Avila Beach	Storm runoff
4.	12/08/97	12/15/97	Avila Beach	Storm runoff

## **\*\* BEACH CLOSURES - 1997 \*\***

(A Report to the State Water Resources Control Board)

COUNTY: Santa Barbara CONTACT: Gerry Winant PHONE: (805) 681-4935  
ADDRESS: Environmental Health Services  
225 Camino del Remedio, Santa Barbara, CA 93110

	DATE		<u>BEACH/AREA CLOSED</u>	<u>REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)</u>
	<u>CLOSED</u>	<u>OPENED</u>		
1.	12/09/97	12/10/97	Arroyo Burro Beach (Santa Barbara City)	Sewage spill
2.	01/27/97	02/24/97	East Beach at Mission Creek (Santa Barbara City)	High bacteriological counts
3.	07/11/97	07/13/97	East Beach at Mission Creek (Santa Barbara City)	Sewage spill and high bacteriological counts
4.	08/13/97	08/14/97	East Beach at Mission Creek (Santa Barbara City)	Release of malodorous, dark colored water from nearby Laguna Channel.
5.	03/31/97	12/31/97 (on-going)	Arroyo Quemada Beach at Quemada Creek (Santa Barbara County)	High bacteriological counts. Potential sources under continuing investigation but still undetermined. Possible sources include wildlife, nearby landfill and urban/rural runoff.

# **\*\* BEACH CLOSURES - 1997 \*\***

(A Report to the State Water Resources Control Board)

COUNTY: Ventura CONTACT: Elizabeth Huff PHONE: (805) 654-2814  
ADDRESS: Ventura County Environmental Health Division  
800 South Victoria Avenue, Ventura, CA 93009-1730

<u>DATE</u>		<u>BEACH/AREA CLOSED</u>	<u>REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)</u>
<u>CLOSED</u>	<u>OPENED</u>		
1. 04/06/97	04/07/97	McGrath State Beach	City of San Buenaventura discharged ~ 20,000 gallons of raw sewage. Unknown amount entered the ocean.

# **\*\* BEACH CLOSURES - 1997 \*\***

(A Report to the State Water Resources Control Board)

COUNTY: Los Angeles CONTACT: Richard Kebabjian PHONE: (213) 881-4160  
ADDRESS: 2525 Corporate Place, Room 150, Monterey Park, CA 91754

	DATE		<u>BEACH/AREA CLOSED</u>	<u>REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)</u>
	<u>CLOSED</u>	<u>OPENED</u>		
1.	01/30/97	02/01/97	Sunset Blvd. to Chautauqua Blvd. (Approximately 2 miles)	A landslide caused a break in a sewer line and sewage entered a storm drain and flowed to the ocean.
2.	04/28/97	05/01/97	Topanga Cyn. Blvd. to Temescal Cyn Rd., Pacific Palisades. Extended to Chautauqua Blvd. 04/29/97. Reduced to Temescal Cyn. Rd. 04/30/97 (Approximately 2 miles)	A malfunction at the Sunset Pumping Station caused sewage to overflow. Approximately 50,000 gallons of raw sewage entered the ocean.
3.	05/12/97	05/14/97	Paradise Cove Beach, Malibu (Approximately 1/8 of a mile)	An overflowing septic tank discharged sewage effluent into a storm drain and into the ocean.
4.	10/26/97	10/28/97	Tuna Canyon, Malibu to Sunset Blvd., Los Angeles (Approximately 1 mile)	Debris from construction on a sewer line clogged a sewer line and caused sewage to discharge from a manhole cover. Approximately 20,000 gallons entered the ocean.

## \*\* BEACH CLOSURES - 1997 \*\*

(A Report to the State Water Resources Control Board)

COUNTY: Orange CONTACT: Monica Mazur PHONE: (714) 667-3751  
 ADDRESS: Environmental Health Division  
2009 E. Edinger Avenue, Santa Ana, CA 92705

	DATE		<u>BEACH/AREA CLOSED</u>	<u>REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)</u>
	<u>CLOSED</u>	<u>OPENED</u>		
1.	08/07/96	07/01/97	Baby Beach, Dana Point Harbor, Dana Point	~/Ocean Water Contact Sports Standard violation
2.	01/07/97	01/13/97	Treasure Island Mobile Home Park to projection of Table Rock, Aliso Beach, Laguna Beach	Moulton Niguel Water District/pump station failure (440,000 gallons sewage)
3.	01/21/97	02/17/97	500' west and 500' east of San Juan Creek, Doheny State Park Beach, Dana Point	Moulton Niguel Water District/line blockage (<2,000 gallons sewage) City of San Juan Capistrano/line blockage (900 gallons sewage)
4.	03/06/97	03/09/97	50' north and 50' south of Bluebird Canyon stormdrain, Laguna Beach	Surf & Sand Hotel/line blockage (~100 gallons sewage)
5.	05/19/97	05/25/97	300' north and 300' south of Salt Creek at Monarch Beach and Salt Creek Beach Park, Dana Point	South Coast Water District/line blockage (~500 gallons sewage)
6.	07/23/97	07/27/97	200' either side of stormdrain bay/water interface at Via Lido Soud and Via Ferma, Lido Island, Newport Beach	City of Newport Beach/force main leak (200 gallons sewage)
7.	08/07/97	ongoing	Rhine Channel & 33rd Street Channel, Newport Bay, Newport Beach	~/Ocean Water Contact Sports Standard violation
8.	08/12/97	08/16/97	Mothers Beach, Sunset Aquatic Park and Peters Landing, Huntington Harbour, Huntington Beach	Springdale Center (REC Investments, Inc.) at Edinger & Springdale, Huntington Beach/line blockage (1,200-2,400 gallons sewage)
9.	08/21/97	ongoing	43rd Street Beach, Newport Bay, Newport Beach	~/Ocean Water Contact Sports Standard violation
10.	08/31/97	09/04/97	Heisler Park, Laguna Beach	City of Laguna Beach/line blockage (40,000 gallons sewage)
11.	09/18/97	09/20/97	Sleepy Hollow to Cleo Street, Laguna Beach	City of Laguna Beach/line blockage (100 gallons sewage)
12.	10/02/97	10/06/97	Cameo Shores, Newport Beach	City of Newport Beach/line blockage (~950 gallons sewage)

## \*\* BEACH CLOSURES - 1997 \*\*

(A Report to the State Water Resources Control Board)

COUNTY: Orange (CONTINUED)

	DATE		BEACH/AREA CLOSED	REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)
	CLOSED	OPENED		
13.	10/06/97	10/10/97	300' west and 300' east of San Juan Creek, Doheny State Park Beach, Dana Point	South Coast Water District/line break (~50 gallons sewage)
14.	10/08/97	10/12/97	25' north and 25' south of Salt Creek, Salt Creek Beach Park, Dana Point	Moulton Niguel Water District/line break (32,000 gallons secondary effluent)
15.	11/10/97	11/14/97	450' north and 450' south of Poche Creek, San Clemente	City of San Clemente/line blockage (900 gallons sewage)
16.	12/06/97	12/17/97	Diamond Street south to Point Place, Laguna Beach	South Coast Water District/pump station failure (200,000 gallons sewage) 12/13/97 - El Toro Water District/force main at pump station ruptured (130,000 gallons sewage)
17.	12/06/97	12/15/97	Monarch Beach north point, south to Salt Creek Beach Point, Dana Point	Moulton Niguel Water District/pump station failure (3,000 gallons sewage)
18.	12/06/97	02/16/98	North Doheny Beach south to Poche Beach (Camino Capistrano), Dana Point	South East Regional Reclamation Authority/stormwater surcharge from plant into San Juan Creek (100,000-300,000 gallons sewage)
19.	12/06/97	12/24/97	Projection Aster Street south to Cleo Street, Laguna Beach	City of Laguna Beach/pump station failure (20,000 gallons sewage) 12/11/97 - City of Laguna Beach/line blockage (250 gallons sewage)
20.	12/09/97	12/12/97	1,500 feet north and 1,500 feet south of El Moro Creek, Laguna Beach	El Morro Mobile Home Park/line washed out during storm (5,000-7,000 gallons sewage)

# \*\* BEACH CLOSURES - 1997 \*\*

(A Report to the State Water Resources Control Board)

COUNTY: San Diego CONTACT: \_\_\_\_\_ PHONE: \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_

	DATE		BEACH/AREA CLOSED	REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)
	CLOSED	OPENED		
1.	01/07/97	01/08/07	Mission Bay (East Side)	Elevated fecal coliform
2.	01/10/97	01/11/97	Mission Bay (Tecolote)	Sewage spill (286 gallons)
3.	01/13/97	01/17/97	Imperial Beach	Rain
4.	01/14/97	01/16/97	Silver Strand	Rain/sewage
5.	01/13/97	01/17/97	Loma Alta Lagoon	Sewage spill (21,000 gallons)
6.	01/13/97	01/19/97	Cardiff State Beach	Sewage spill (2,794,000 gallons)
7.	01/13/97	01/30/97	Mission Bay	Rain
8.	01/26/97	01/28/97	Tourmaline Surf Park	Sewage spill (2,670 gallons)
9.	01/26/97	01/29/97	Imperial Beach	Sewage/rain
10.	01/29/97	01/31/97	Buccaneer Beach	Sewage spill (45,000 gallons)
11.	01/26/97	01/29/97	Mission Bay (Rose Creek)	Sewage spill (1,500 gallons)
12.	02/06/97	02/08/97	Mission Bay	Rain
13.	02/14/97	02/15/97	Moonlight Beach	Fuel spill
14.	02/17/97	02/19/97	Oceanside Harbor	Sewage spill (9,000 gallons)
15.	02/25/97	02/28/97	Buena Vista Lagoon	Sewage spill (1,750,000 gallons)
16.	02/27/97	03/03/97	Mission Bay	Sewage spill (275 gallons)
17.	03/01/97	03/04/97	Avd de la Playa	Sewage spill (355 gallons)
18.	03/25/97	03/27/97	Tourmaline	Storm drain discharge
19.	04/09/97	04/22/97	Avd de la Playa	Storm drain discharge
20.	04/17/97	04/19/97	San Elijo Lagoon	Lagoon opening
21.	04/19/97	04/28/97	Del Mar Boat Basin	Sewage spill (600 gallons)
22.	04/23/97	04/25/97	Torrey Pines Beach	Lagoon opening
23.	04/30/97	05/02/97	Kellogg Beach	Sewage spill (452 gallons)
24.	05/22/97	05/23/97	Torrey Pines State Beach	Lagoon opening
25.	05/26/97	05/29/97	WindanSea Beach	Sewage spill (12,000 gallons)
26.	06/04/97	06/05/97	Avd de la Playa	Sewage spill (423 gallons)
27.	07/02/97	07/05/97	San Diego Bay	Sewage spill (17,500 gallons)
28.	07/11/97	07/12/97	Mission Bay (Bonita Cove)	Elevated fecal coliform
29.	07/11/97	07/14/97	Dog Beach in Ocean Beach	Sewage spill (6,720 gallons)
30.	08/04/97	08/07/97	Dog Beach	Sewage spill (1,070 gallons)



## \*\* BEACH CLOSURES - 1997 \*\*

(A Report to the State Water Resources Control Board)

COUNTY: San Diego (CONTINUED)

	DATE		<u>BEACH/AREA CLOSED</u>	<u>REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)</u>
	<u>CLOSED</u>	<u>OPENED</u>		
31.	08/08/97	08/09/97	Carnation Ave to Palm Ave	Elevated fecal coliform
32.	08/12/97	08/13/97	12th Street, Del Mar	Sewage spill (900 gallons)
33.	08/22/97	08/23/97	WindanSea Beach	Sewage spill (500 gallons)
34.	09/16/97	09/23/97	San Elijo Lagoon	Lagoon opening
35.	09/26/97	09/30/97	Carnation Ave to Border	Rain/sewage
36.	09/30/97	10/07/97	San Diego Bay	Sewage spill (25,200 gallons)
37.	10/15/97	10/18/97	San Diego Bay	Sewage spill (26,000 gallons)
38.	11/05/97	11/06/97	Fletcher Cove	Storm drain discharge
39.	11/27/97	11/30/97	Carnation Ave to Border	Sewage/rain
40.	12/06/97	12/11/97	Carnation Ave to Border	Sewage/rain
41.	12/09/97	12/11/97	Silver Strand and Coronado	Sewage/rain
42.	12/09/97	12/12/97	WindanSea	Sewage spill (500 gallons)
43.	12/09/97	12/12/97	Cardiff State Beach	Lagoon opening
44.	12/26/97	12/28/97	Dog Beach	Sewage spill (3,800 gallons)
45.	01/13/97	01/16/97	General Advisory	Rain
46.	01/26/97	01/29/97	General Advisory	Rain
47.	09/25/97	09/28/97	General Advisory	Rain
48.	11/10/97	11/13/97	General Advisory	Rain
49.	11/26/97	11/29/97	General Advisory	Rain
50.	11/30/97	12/02/97	General Advisory	Rain
51.	12/06/97	12/09/97	General Advisory	Rain
52.	12/22/97	12/25/97	General Advisory	Rain

# **\*\* BEACH CLOSURES - 1997 \*\***

(A Report to the State Water Resources Control Board)

COUNTY: San Diego (CONTINUED)

## Seasonal and Chronic Permanent Posting Locations

- ◆ Loma Alta Lagoon in Oceanside - Closed from Oct. to May. Reopened June to Sept.
- ◆ End of Seacoast Dr. to International Border - Opened 7/23/97
- ◆ Children's Pool - 9/4/97 to Present (Seal contamination)

## Permanent Storm Drain Posting Locations

San Luis Rey River  
Moonlight Beach, Encinitas  
Fletcher Cove, Solana Beach  
Seascape Beach, Solana Beach  
17th St., Del Mar  
15th St., Del Mar  
El Paseo Grande  
Camino Del Oro  
Vallecitos  
Avd de la Playa  
Coast Blvd - Nicholson Pt.  
Ravina  
Vista de la Playa  
Bonair

Playa del Norte  
Marine St.  
Coast Blvd. North of Ravina  
Palomar Ave.  
S. of Loring Street  
Missouri Street  
Grand Ave.  
W. Pt. Loma Blvd.  
Felspar  
North Beach, Coronado  
Fern Glen  
Tourmaline  
Playa del Sur