



California Beach Closure Report

95-4WQ

September 1995

STATE WATER RESOURCES CONTROL BOARD
CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY



STATE OF CALIFORNIA

Pete Wilson, Governor

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

James M. Strock, Secretary

STATE WATER RESOURCES CONTROL BOARD

P.O. Box 100

Sacramento, CA 95812-0100

(916) 657-1247

John Caffrey, Chairman

John W. Brown, Vice Chair

Marc Del Piero, Member

James M. Stubchaer, Member

Mary Jane Forster, Member

●
Walt Pettit, Executive Director

Dale Claypoole, Deputy Director

California Beach Closure Report

95-4WQ

September 1995

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 second of these annual reports, documents 85 beach closures for 1994, two less than last year.

Table 1 lists the number of beach closures for 1994 for each coastal county, organized geographically from north to south. Figure 1 presents the same information on a map of California. Following the summary table and map 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 or damaged lines, heavy influx of rainwater, car accidents, grease blocking the lines, roots, power outages, and pump failures. The other causes of closures included oil spills and urban runoff. All counties reporting beach closures have less than ten closures except for Orange and San Diego Counties. Orange County had 17 closures, and San Diego County had 51 of the 85 closures statewide. San Diego County has three permanent beach closures due to chronic elevated bacteria levels resulting from contaminated water flowing north across the International Border. There were no beach closures in the counties north of San Francisco Bay.

The State Water Resources Control Board and the coastal regional water quality control boards operate several programs to address the causes of beach closures. The core regulatory program of monitoring, permitting and enforcement plays a vital role. For example, in regard to sewage spills greater than 100 gallons, the responsible sewerage entity must report such spills to the appropriate regional water quality control board. In addition to follow-up activities, such incidents are tabulated and presented to Regional Board Members at their regularly scheduled 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 regional water quality control board. Finally, for situations 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 waters standards as represented by the California Ocean Plan and funding assistance programs such as the State Revolving Fund Program.

Compared to 1993, the first year data were collected, 1994 showed nine counties with no change in the number of closures, four counties with more closures, and four counties with fewer closures. Given that data have only been collected for two years and there are

numerous variables for any one year, it is too early to establish any definitive trend analysis. Variables which defy trend analysis include the following:

- Often, professional judgement and the past experience form the sole basis of determining when a beach is to be closed. The state of the science precludes scientific comparisons of the number of beach closures from county to county.
- The presence of year-round climatic conditions conducive to beach recreation activities, especially during the rainy season, is cause for more aggressive monitoring of southern California beaches than elsewhere. Aggressive monitoring elsewhere in the state or in the country might reveal different patterns of beach closures.
- Year-to-year 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 high intensity short duration rainfall events in low rainfall years.
- Part of the response in addressing past beach closure problems associated with overflows and spills from sewerage systems involves increased monitoring. Increased monitoring has the potential to reveal more problems. Aggressive monitoring elsewhere in the state or in the country might reveal different patterns of beach closures.

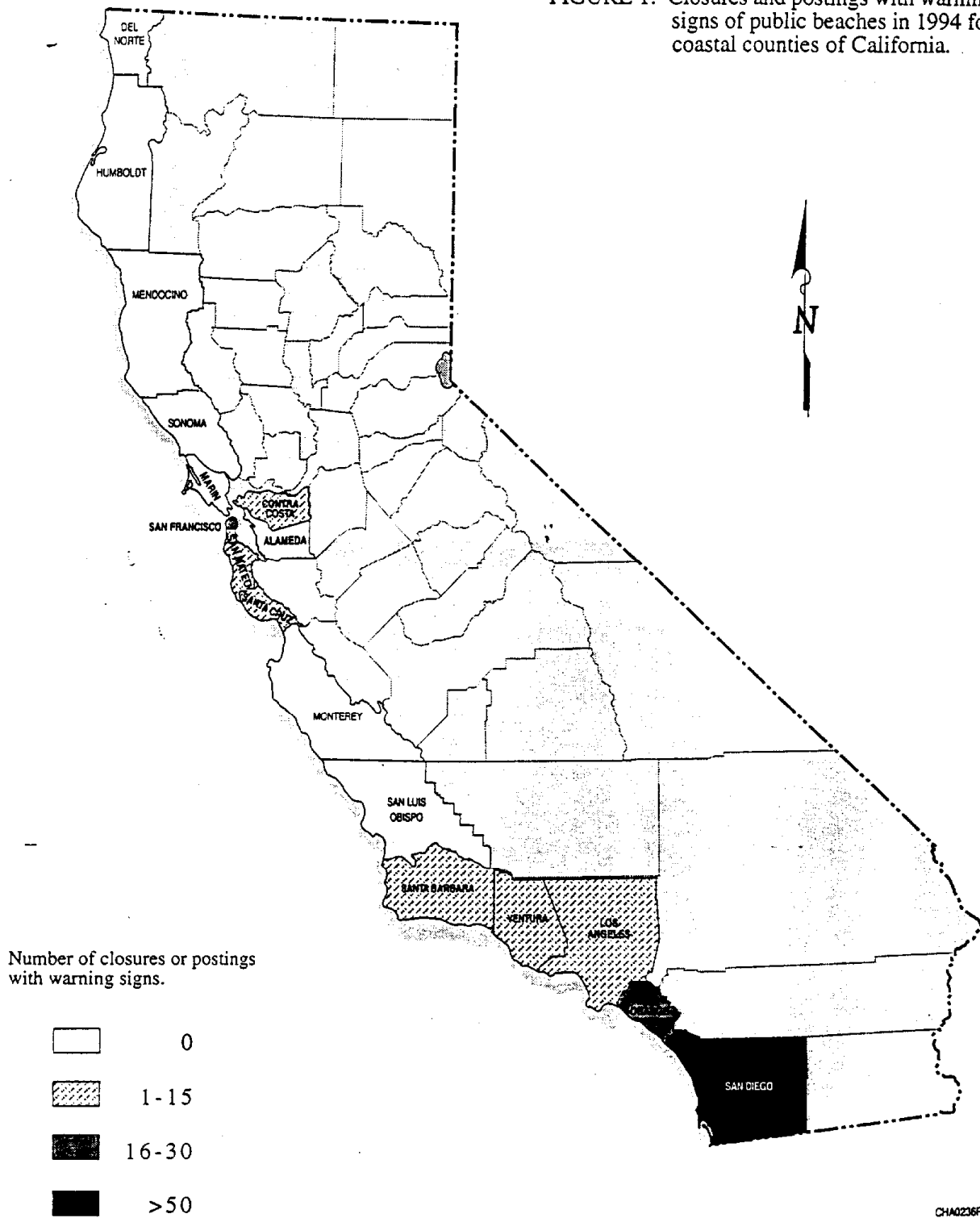
A survey of coastal states (including the Great Lakes) by the Natural Resources Defense Council showed that California has led the nation in beach closures recently. California had 57% and 40% of the total reported beach closures in 1993 and 1994, respectively. As with the California county comparison, consistent data do not exist on a national basis to complete a valid trend analysis. Differences between California and other states are difficult to interpret, because standards, monitoring, reporting and closure practices vary from state to state. For example, a permanent closure at the international border in San Diego was a single closure event for the purpose of annual reporting, even though it involved 365 days of closure in 1994.

TABLE 1. CALIFORNIA BEACH CLOSURES DURING 1994*

COUNTY (NORTH TO SOUTH)	NUMBER OF CLOSURES	NUMBER OF DAYS CLOSED	NUMBER OF POSTINGS WITH WARNING SIGNS	NUMBER OF DAYS POSTED	REASON(S)
Del Norte	0				
Humboldt	0				
Mendocino	0				
Sonoma	0				
Marin	0				
San Francisco	0		29	391	Sewage
Contra Costa	2	11			Sewage
Alameda	0				
San Mateo	9	177			Sewage
Santa Cruz	2	28			Sewage, elevated levels of bacteria
Monterey	0				
San Luis Obispo	0				
Santa Barbara	0		5	1056	Elevated levels of bacteria, oil
Ventura	1	10			Oil spill
Los Angeles	3	12			Discharge of inadequately treated sewage
Orange	17	44			Sewage
San Diego	51	1323			Sewage, urban runoff; 3 of the 51 are permanent closures

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

FIGURE 1: Closures and postings with warning signs of public beaches in 1994 for coastal counties of California.



**** BEACH CLOSURES - 1994 ****

(A report to the State Water Resources Control Board)

COUNTY: Del Norte CONTACT: Steve Landes/Dale Watston PHONE: 707/ 464-7227
ADDRESS: 909 Hwy 101 North
Crescent City, CA 95531

CLOSED	DATE	OPENED	BEACH/AREA CLOSED	REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)
--------	------	--------	-------------------	---

There were no beach closures in 1994.

**** BEACH CLOSURES - 1994 ****

(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 95501

-----DATE-----		BEACH/AREA CLOSED	REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)
CLOSED	OPENED		

There were no beach closures in 1994.

**** BEACH CLOSURES - 1994 ****

(A report to the State Water Resources Control Board)

COUNTY: Mendocino CONTACT: Jim Enlers PHONE: 707/937-0363
ADDRESS: 120 W. Fir Street
Fort Bragg, CA 95437

-----DATE-----			REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)
CLOSED	OPENED	BEACH/AREA CLOSED	

There were no beach closures in 1994.

**** BEACH CLOSURES - 1994 ****

(A report to the State Water Resources Control Board)

COUNTY: Sonoma CONTACT: Donald Smith PHONE: (707) 525-6540
ADDRESS: 1030 Center Drive, Suite A
Santa Rosa, CA 95403

-----DATE-----		BEACH/AREA CLOSED	REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)
CLOSED	OPENED		

There were no beach closures in 1994.

**** BEACH CLOSURES - 1994 ****

(A report to the State Water Resources Control Board)

COUNTY: Marin CONTACT: Ed Stewart PHONE: 415/499-6907
ADDRESS: 3501 Civic Center Drive, Room 283
San Rafael, CA 94903

CLOSED	DATE	OPENED	BEACH/AREA CLOSED	REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)
--------	------	--------	-------------------	---

There were no beach closures in 1994.

** BEACH CLOSURES - 1994 **

(A report to the State Water Resources Control Board)

COUNTY: San Francisco CONTACT: Lorraine Anderson PHONE: (415) 554-2774
 ADDRESS: 101 Grove Street, Room 217, San Francisco, CA 94102
Bureau of Environmental Health Services

CLOSED	DATE	OPENED	BEACH/AREA CLOSED*	REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)
1.	01/05/94	01/13/94	Baker Beach	Rain
2.	01/07/94	01/14/94	Windsurfer's Cove	Rain
3.	01/24/94	03/09/94	Baker Beach	Rain
4.	01/26/94	02/02/94	Windsurfer's Cove	Rain
5.	01/26/94	02/03/94	Crissy Field	Rain
6.	03/25/94	03/31/94	Baker Beach	Rain
7.	04/09/94	04/19/94	Baker Beach	Rain
8.	04/23/94	05/13/94	Baker Beach	Rain
9.	05/16/94	05/24/94	Baker Beach	Rain
10.	06/10/94	06/16/94	Baker Beach	Rain
11.	04/01/94	06/17/94	Baker Beach	Lobos Creek Influence
12.	07/15/94	07/22/94	Baker Beach	Power Failure
13.	08/16/94	08/22/94	Baker Beach	Lobos Creek
14.	09/23/94	09/28/94	Baker Beach	Rain
15.	10/04/94	10/13/94	Baker Beach	Rain
16.	10/05/94	10/07/94	Crissy Field	Rain
17.	10/05/94	10/07/94	Lyon St. Beach	Rain
18.	10/05/94	10/07/94	Aquatic Park	Rain
19.	10/07/94	10/11/94	China Beach	Rain
20.	11/04/94	12/09/94	Baker Beach	Rain
21.	11/07/94	11/23/94	Crissy Beach	Rain
22.	11/07/94	11/18/94	Lyon St. Beach	Rain
23.	11/07/94	11/19/94	Lyon St. Beach	Rain
24.	11/07/94	11/18/94	Aquatic Park	Rain
25.	11/07/94	11/23/94	Candlestick Pier	Rain

**** BEACH CLOSURES - 1994 ****

(A report to the State Water Resources Control Board)

COUNTY: San Francisco CONTACT: Lorraine Anderson PHONE: (415) 554-2774
ADDRESS: 101 Grove Street, Room 217, San Francisco, CA 94102
Bureau of Environmental Health Services

CLOSED	DATE	OPENED	BEACH/AREA CLOSED*	REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)
26.	11/07/94	11/10/94	China Beach	Rain
27.	11/07/94	11/10/94	Ocean Beach	Rain
28.	11/07/94	12/01/94	Ocean Beach	Rain
29.	12/12/94	01/15/95	Baker Beach	Rain

*All dates are for posting of warning signs only--No beaches were closed in 1994.

**** BEACH CLOSURES - 1994 ****

(A report to the State Water Resources Control Board)

COUNTY: Contra Costa CONTACT: Winston Dea PHONE: (510) 646-1256
ADDRESS: 1111 Ward Street, Room 301
Martinez, CA 94553

CLOSED	DATE OPENED	BEACH/AREA CLOSED	REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)
1. 07/26/94	08/03/94	Keller Beach (Richmond)	City of Richmond Sewer Spill 300-500 gallons
2. 11/14/94	11/17/94	Keller Beach (Richmond)	City of Richmond Sewer Spill 300-500 gallons

**** BEACH CLOSURES - 1994 ****

(A report to the State Water Resources Control Board)

COUNTY: Alameda CONTACT: Leroy Todd PHONE: (510) 644-6510
ADDRESS: 1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

CLOSED	DATE	OPENED	BEACH/AREA CLOSED	REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)
--------	------	--------	-------------------	---

There were no beach closures in 1994.

** BEACH CLOSURES - 1994 **

(A report to the State Water Resources Control Board)

COUNTY: San Mateo CONTACT: Lorraine Lew-White PHONE: (415) 363-4723
 ADDRESS: 590 Hamilton, 4th Floor
Redwood City, CA 94062

CLOSED	DATE OPENED	BEACH/AREA CLOSED	REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)
1. 02/03/94	02/10/94	Oyster Cove Marina, SSF Oyster Point Marina, SSF Point San Bruno Park, SSF San Bruno Canal, SSF	Winston Manor-sewer line break of unknown quantity.
2. 03/21/94	04/06/94	Coyote Point Ryder Park Beach adjacent to Detroit Dr. Beach adjacent to Foster City Blvd.	Bypass to Seal Slough for repair work.
3. 05/16/94	05/19/94	Lagoon at 200 Lincoln Center Drive, Foster City	Sewer spill approximately 10,000 gallons.
4. 06/18/94	06/20/94	Pillar Point Harbor, El Granada	Pump station at the El Granada Mobile Home Park went down. Quantity unknown.
5. 08/30/94	09/01/94	Oyster Point Marina, SSF Point San Bruno Park, SSF Point San Bruno, SSF	Pump station #8 with the SSF Water Quality Control Plant went down. 10,000 to 30,000 gallons of raw sewage.
6. 09/07/94	09/08/94	Point San Bruno, SSF Public beach at Haskins Way, SSF San Bruno Canal, SSF	Sewage spill at the SSF Water Quality Control Plant. Sewage spilled into a tributary near 195 Belle Air Rd, SSF. Approx. 50,000 gallons of raw sewage.
7. 09/28/94	10/03/94	Marlin Park, Foster City	Two manholes overflowed on Mullet Ct., Foster City. Approx. 300 gallons of raw sewage.
8. 10/17/94	11/04/94	Marlin Park, Foster City Erckenbrack Park, Foster City Gull Park, Foster City	Lift station #18 on Pompano Circle went down. Approx. 1,000 gallons raw sewage.

**** BEACH CLOSURES - 1994 ****

(A report to the State Water Resources Control Board)

COUNTY: San Mateo CONTACT: Lorraine Lew-White PHONE: (415) 363-4723
ADDRESS: 590 Hamilton, 4th Floor
Redwood City, CA 94062

CLOSED	DATE	OPENED	BEACH/AREA CLOSED	REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)
9.	11/30/94	12/12/94	Bayside Park, Burlingame	Failure on return pump station at the Burlingame Treatment Plant. Approx. 4,000 gallons raw sewage.

**** BEACH CLOSURES - 1994 ****

(A report to the State Water Resources Control Board)

COUNTY: Santa Cruz CONTACT: John Ricker PHONE: (408) 454-2022
ADDRESS: 701 Ocean Street, Room 312
Santa Cruz, CA 95060

-----DATE-----			REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)
CLOSED	OPENED	BEACH/AREA CLOSED	
1. 05/26/94	06/17/94	Capitola - jetty to wharf	High fecal coliform levels from Lagoon discharge, construction in creek upstream.
2. 12/22/94	12/27/94	Rio Del Mar Beach at Aptos Creek mouth	Sewage spill to creek 1,000 gallons.

**** BEACH CLOSURES - 1994 ****

(A report to the State Water Resources Control Board)

COUNTY: Monterey CONTACT: Richard Lewarne PHONE: 408/755-4544
ADDRESS: 1270 Natividad Road, Room 301
Salinas, CA 93906

CLOSED	DATE	OPENED	BEACH/AREA CLOSED	REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)
--------	------	--------	-------------------	---

There were no beach closures in 1994.

**** BEACH CLOSURES - 1994 ****

(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

CLOSED	DATE	OPENED	BEACH/AREA CLOSED	REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)
--------	------	--------	-------------------	---

There were no beach closures in 1994.

** BEACH CLOSURES - 1994 **

(A report to the State Water Resources Control Board)

COUNTY: Santa Barbara CONTACT: Gerry Winant PHONE: (805) 681-4934
ADDRESS: Environmental Health Services
120 Cremona Drive, Suite C Goleta, CA 93117

CLOSED	DATE OPENED	BEACH/AREA CLOSED	REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)
1.	01/19/94 12/31/94	West Beach at Mission Creek outfall, Santa Barbara City	High bacteria levels due to urban runoff.
2.	01/19/94 12/31/94	Hendry's Beach at Arroyo Burro Creek, Santa Barbara City	High bacteria levels in Arroyo Burro Creek due to urban runoff.
3.	01/19/94 12/31/94	Hope Ranch Beach at Las Palmas Creek, Santa Barbara County	High bacteria levels in Las Palmas Creek due to urban runoff.
4.	12/21/94 12/31/94	Goleta Beach, Santa Barbara County	High bacteria levels in Goleta Slough initiation of dredging slough channels.
5.	04/27/94 05/02/94	Guadalupe Dunes Beach, Santa Barbara County	Oil/oil vent release.

Warnings only (posted with warning signs) not closed.

**** BEACH CLOSURES - 1994 ****

(A report to the State Water Resources Control Board)

COUNTY: Ventura CONTACT: Robert Williamson PHONE: 805/ 654-2814
ADDRESS: Ventura County Environmental Health Division
800 S. Victoria Avenue, Ventura, CA 93009

CLOSED	DATE	OPENED	BEACH/AREA CLOSED	REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)
1.	01/01/94	01/11/94	McGrath State Beach	80,000 Gallons Oil Spill

**** BEACH CLOSURES - 1994 ****

(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

CLOSED	DATE	OPENED	BEACH/AREA CLOSED	REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)
1.	04/21/94	04/23/94	Redlands Street at Paseo Del Rey, Playa Del Rey, Dockweiler Beach	Collapsed sewer line. (Approx. 2,500 gallons).
2.	10/09/94	10/13/94	Santa Monica Beach, from Strand St., Santa Monica to Brooks Ave., Los Angeles (Approx-1 mile)	Elevated bacterial counts from Ashland Storm Drain, cause unknown.
3.	12/08/94	12/10/94	Cabrillo Beach, San Pedro (Approx. 1/4 mile)	Contractor accidentally drilled into force main sewer line at Fries Ave. and Hermosa St. in Wilmington causing sewage to enter Los Angeles Harbor (Approx. 250,000 gallons).

** BEACH CLOSURES - 1994 **

(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 Santa Ana, CA 92705

CLOSED	DATE OPENED	BEACH/AREA CLOSED	REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)
1.	01/17/94 01/20/94	100ft. north & 100ft. south of Aliso Creek. Aliso Beach, Laguna Beach	South Coast Water District-- Shaft on rotating screen at plant broke. (1,000 gallons untreated sewage).
2.	01/24/94 01/26/94	Dumond Drive to Blue Lagoon, Lagunita, Laguna Beach	South Coast Water District-- Line blockage at Lagunita Beach. (+4,000 gallons untreated sewage).
3.	04/17/94 04/19/94	1/4 mile east & 1/4 mile west of Santa Ana River Mouth (from Talbert Channel in Huntington State Beach to Orange Street in Newport Beach), Newport Beach & Huntington Beach	CSDOC--Leak in junction box for offshore outfall. Located at Pacific Coast Highway & Santa Ana River. (+8700 gallons combination primary and secondary effluent).
4.	05/07/94 05/11/94	Shaw's Cove Boat Canyon, Diver's Cove & Picnic Beach, Laguna Beach	City of Laguna Beach--Line blockage in Pacific Coast Highway at Beverly Street, Laguna Beach. (+5000 gallons untreated sewage).
5.	05/09/94 05/11/94	Heisler Park, Laguna Beach	City of Laguna Beach--Line blockage caused restrooms to overflow into Heisler Park, down bluff to beach. (+500 gallons untreated sewage).
6.	05/08/94 05/11/94	500ft. north & 500ft. south of Dumond Street, Victoria Beach, Laguna Beach	City of Laguna Beach--Line blockage at Nyes Place, Laguna Beach. (+500 gallons untreated sewage).
7.	05/19/94 05/22/94	1000ft. north & 1000ft. south of Aliso Creek, Aliso Beach, Laguna Beach	Moulton Niguel Water Dist.-- Force main leak in Laguna Niguel Regional Park, Laguna Niguel. Flowed into Aliso Creek and to ocean. (+4000 gallons untreated sewage).

* * BEACH CLOSURES - 1994 * *

(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 Santa Ana, CA 92705

CLOSED	DATE OPENED	BEACH/AREA CLOSED	REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)
8.	05/25/94 05/28/94	1000ft. north & 1000ft. south of Aliso Creek, Aliso Beach, Laguna Beach	Moulton Niguel Water District/SCWD--Coastal Treatment Plant pump station overflow due to excess flows from MNWD service area. SCWD is contracted to operate pump station and treatment plant. Flowed into Aliso Creek and to ocean. (+5000 gallons untreated sewage).
9.	06/09/94 06/11/94	1/2 mile north & 1/2 mile south of Aliso Creek, Aliso Beach, Laguna Beach	El Torro Water District--Grease blockage resulted in overflow of force main siphon at "Veeh" Pump Station, Laguna Hills. Flowed into Aliso Creek and to ocean. (+30,000 gallons untreated sewage).
10.	06/20/94 06/22/94	1/2 mile north & 1/2 mile south of Aliso Creek, Aliso Beach, Laguna Beach	South Coast Water District--Force sludge main ruptured causing overflow to Aliso Creek and to ocean. (+16,000 gallons sludge).
11.	10/01/94 10/04/94	Baby Beach, County Beach, far northwest end of harbor, Dana Point Harbor	Dana Point Sanitary District--Line blockage caused overflow to storm drain and into Dana Point Harbor. (+150,200 gallons untreated sewage).
12.	10/03/94 10/08/94	Fisherman's Cove, Diver's Cove, Heisler Park, Laguna Beach	City of Laguna Beach--Line break and blockage. (+300,000 gallons, ground water and untreated sewage).

** BEACH CLOSURES - 1994 **

(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 Santa Ana, CA 92705

CLOSED	DATE OPENED	BEACH/AREA CLOSED	REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)
13.	10/23/94 10/26/94	North Balboa Island bay front channel at Jamboree Road to Newport Harbor entrance, Newport Bay, Newport Beach	PF Chang's & Cheesecake Factory Restaurants, Fashion Island, Newport Beach--Blocked grease trap interceptor line caused sewage to flow into storm drain to Newport Bay. (more than 3,600 gallons, untreated sewage).
14.	10/31/94 11/02/94	150ft. up coast and 150ft. down coast of storm drain, Diamond Street Beach. (Wood's Cove), Laguna Beach	City of Laguna Beach-- Contractor caused overflow from 8" sewer main. (+300-500 gallons, treated sewer).
15.	11/08/94 11/10/94	Projection of Moss Street to projection of Fern Street, Laguna Beach	City of Laguna Beach - Root blockage in 12in. sewer line. (+2,000 gallons, untreated sewage).
16.	11/13/94 11/13/94	1000ft. of North Beach Area (projection Avenida Pico), San Clemente	City of San Clemente--Broken tertiary reclaimed water pipeline. (+10,000 gallons, tertiary reclaimed water).
17.	12/17/94 12/19/94	1000ft. north & 1000ft. south of Aliso Creek, Aliso Beach, Laguna Beach	South Coast Water District-- Broken force sludge main (3,000 gallons, sludge).

* * BEACH CLOSURES - 1994 * *

(A report to the State Water Resources Control Board)

COUNTY: San Diego CONTACT: Kathy Stone PHONE: 619/338-2211
 ADDRESS: P.O. Box 85261
San Diego, CA 92186-5261

CLOSED	DATE	OPENED	BEACH/AREA CLOSED	REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)
1.	01/11/94	01/12/94	Chula Vista Harbor	Grease, 500 gallons raw sewage
2.	01/16/94	01/19/94	Mission Bay	Vandalism, 4,500 gallons raw sewage
3.	01/18/94	01/22/94	Imperial Beach	Car Accident, 2,100,000 gallons raw sewage
4.	01/14/94	01/15/94	Fletcher Cove	Grease, 200 gallons raw sewage
5.	01/25/94	01/28/94	Dog Beach	Broken line, 30,000 gallons raw sewage
6.	02/08/94	02/15/94	South Coast/MB	Rain
7.	02/09/94	02/15/94	South Coast/MB	Rain
8.	02/09/94	04/03/94	Cardiff St. Beach	Water level high
9.	02/12/94	02/15/94	San Diego	Debris, 4,480 gallons raw sewage
10.	02/17/94	02/23/94	South Coast	Rain
11.	02/18/94	02/23/94	Mission Bay	Urban Runoff
12.	02/24/94	02/25/94	Mission Bay	Grease
13.	03/05/94	03/08/94	La Jolla Shores	Roots, 1,320 gallons raw sewage
14.	03/05/94	03/12/94	San Diego River	Roots, 93,800 gallons raw sewage
15.	03/07/94	03/11/94	Imperial Beach	Rain/Runoff
16.	03/08/94	03/15/94	Mission Bay	Rain
17.	03/11/94	03/13/94	Point Loma	Bubbler Malfunction, 120 gallons raw sewage
18.	03/16/94	03/29/94	San Diego River	Rocks, 74,400 gallons raw sewage
19.	03/21/94	04/04/94	Cardiff St. Beach	Grease/Roots, 1,500 gallons raw sewage
20.	03/28/94	03/30/94	Carlsbad St. Beach	Pump Failure, 1,200 gallons raw sewage

* * BEACH CLOSURES - 1994 * *

(A report to the State Water Resources Control Board)

COUNTY: San Diego CONTACT: Kathy Stone PHONE: 619/338-2211
 ADDRESS: P.O. Box 85261
San Diego, CA 92186-5261

CLOSED	DATE OPENED	BEACH/AREA CLOSED	REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)
21.	04/07/94 04/09/94	San Diego River	Main break, 141,000 gallons raw sewage
22.	04/29/94 05/01/94	Advisory All Waters	Rain
23.	05/01/94 05/08/94	Imperial Beach	Broken Line, 15,000,000 gallons raw sewage
24.	05/02/94 05/03/94	Del Mar	Main break, 1,200 gallons raw sewage
25.	05/04/94 05/06/94	Buena Vista Lagoon	Valve failure, 240,000 gallons raw sewage
26.	05/19/94 05/21/94	La Jolla Shores	Flushing out San Diego
27.	06/05/94 06/07/94	Del Mar, 15th St.	Grease, 1,650 gallons raw sewage
28.	06/07/94 06/09/94	San Diego Bay	Grease, 164 gallons raw sewage
29.	06/28/94 07/01/94	Cardiff St. Beach	Roots, 25,000 gallons raw sewage
30.	07/02/94 07/12/94	Escondido Creek	Debris, 37,800 gallons raw sewage
31.	07/03/94 07/04/94	San Diego River	Roots, 7,250 gallons raw sewage
32.	07/06/94 07/08/94	South Coast	Repair valves, 20 gallons raw sewage
33.	07/23/94 07/25/94	San Diego Bay	Roots, 47 gallons raw sewage
34.	07/26/94 07/30/94	Children's Pool	Grease, 1,200 gallons raw sewage
35.	08/15/94 08/17/94	Windansea Park	Power outage, 2,496 gallons raw sewage
36.	08/30/94 09/02/94	San Diego Bay	Roots, 300 gallons raw sewage
37.	10/01/94 10/04/94	Windansea Park	Roots, 900 gallons raw sewage
38.	10/03/94 10/05/94	Kellogg Beach	Roots, 1,260 gallons raw sewage

**** BEACH CLOSURES - 1994 ****

(A report to the State Water Resources Control Board)

COUNTY: San Diego CONTACT: Kathy Stone PHONE: 619/338-2211
 ADDRESS: P.O. Box 85261
San Diego, CA 92186-5261

CLOSED	DATE	OPENED	BEACH/AREA CLOSED	REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)
39.	10/04/94	10/07/94	San Diego River	Construction, 142,500 gallons raw sewage
40.	10/03/94	10/07/94	Los Penasquitos	Force main break, 33,150 gallons raw sewage
41.	10/19/94	10/25/94	Lake Hodges	Construction, 39,700 gallons raw sewage
42.	11/10/94	11/14/94	Windansea Park	Power outage, 3,000 gallons raw sewage
43.	12/03/94	12/06/94	Bird Rock	Debris, 392 gallons raw sewage
44.	12/16/94	12/18/94	Windansea Park	Grease, 300 gallons raw sewage
45.	12/21/94	12/23/94	Windansea Park	Grease, 2,080 gallons raw sewage
46.	12/28/94	01/01/95	Shelter Island Cove	Grease, 11,450 gallons raw sewage
47.	12/29/94	01/03/95	San Diego Bay	Contractor, 10,000 gallons raw sewage
48.	12/29/94	12/31/94	Mission Bay	Elevated bacteria
49.	01/01/94	12/31/94	International Border (2.5mi)	Raw sewage in the Tijuana River
50.	01/01/94	12/31/94	San Luis Rey River Outlet	Chronic elevated bacteria
51.	01/01/94	12/31/94	Loma Alta Lagoon Outlet	Chronic elevated bacteria

STATE WATER RESOURCES CONTROL BOARD

P.O. BOX 100, Sacramento, CA 95812-0100

Legislative and Public Affairs: (916) 657-1247
Water Quality Information: (916) 657-0687

Clean Water Programs Information: (916) 227-4400
Water Rights Information: (916) 657-2170

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARDS

NORTH COAST REGION (1)
5550 Skylane Blvd., Ste. A
Santa Rosa, CA 95403
(707) 576-2220

SAN FRANCISCO BAY REGION (2)
2101 Webster Street, Ste. 500
Oakland, CA 94612
(510) 286-1255

CENTRAL COAST REGION (3)
81 Higuera Street, Ste. 200
San Luis Obispo, CA 93401-5427
(805) 549-3147

LOS ANGELES REGION (4)
101 Centre Plaza Drive
Monterey Park, CA 91754-2156
(213) 266-7500

CENTRAL VALLEY REGION (5)
3443 Routier Road
Sacramento, CA 95827-3098
(916) 255-3000

FRESNO BRANCH OFFICE
3614 East Ashlan Avenue
Fresno, CA 93726
(209) 445-5116

REDDING BRANCH OFFICE
415 Knollcrest Drive
Redding, CA 96002
(916) 224-4845

LAHONTAN REGION (6)
2092 Lake Tahoe Blvd.
South Lake Tahoe, CA 96150
(916) 542-5400

VICTORVILLE BRANCH OFFICE
15428 Civic Drive, Ste. 100
Victorville, CA 92392-2383
(619) 241-6583

COLORADO RIVER BASIN REGION (7)
73-720 Fred Waring Dr. Ste. 100
Palm Desert, CA 92260
(619) 346-7491

SANTA ANA REGION (8)
2010 Iowa Avenue, Ste. 100
Riverside, CA 92507-2409
(909) 782-4130

SAN DIEGO REGION (9)
9771 Clairemont Mesa Blvd., Ste. B
San Diego, CA 92124
(619) 467-2952



STATE OF CALIFORNIA
Pete Wilson, Governor

CALIFORNIA ENVIRONMENTAL
PROTECTION AGENCY
James M. Strock, Secretary

STATE WATER RESOURCES
CONTROL BOARD
John P. Caffrey, Chair

