

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 third of these annual reports, documents 124 beach closures for 1995, 39 more than last year.

Table 1 lists the number of beach closures for 1995 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 oil spills. The counties above San Francisco continued to have good water quality on their beaches. 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 often leads to closures.

Seven counties had no change in the number of closures in 1995 compared to 1994, while nine counties had more closures, and one county had fewer closures. San Mateo, Santa Barbara, Orange, and San Diego Counties all reported greater than ten closures. San Mateo, Santa Barbara and Orange Counties reported the largest increases in number of closures. The staff at San Mateo County Health Department attributed the increase to heavy rains, sewage plants nearing capacity, and better information exchange between county staff, sewage treatment agencies and the Regional Water Quality Control Board (RWQCB). Santa Barbara County Environmental Health Services staff attributed the increased number of closures to severe flooding in 1995. Orange County Environmental Health staff did not see a trend in beach closures after reviewing the last six years of data. Instead, the number of closures was correlated to the intensity of the rains.

Comparisons of closure totals among counties are difficult to interpret. One reason for this is the local custom 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. Therefore, identifying closures based on the name of the beach does not reveal the length of beach affected.

The more heavily urbanized shorelines have more closures than less populated areas. City storm drains can carry contaminated runoff directly to the ocean. A recent 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. The response to this sort of information is permanent warnings in areas where city storm drains empty to the ocean.

Other factors that confound trend analysis include the following:

- Often, professional judgement and past experience form the sole basis for closing a beach. Different conditions may trigger closures in different counties.
- 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 cloudbursts 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.

The SWRCB and the coastal RWQCBs 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, 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.

TABLE 1. CALIFORNIA BEACH CLOSURES DURING 1995*

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		26	347	Rain and Sewage
Contra Costa	0				
Alameda	0				
San Mateo	13	224			Sewage
Santa Cruz	1	14			Sewage, elevated levels of bacteria
Monterey	2	56			Hazardous Material and Sewage
San Luis Obispo	1	61			Oil spill from leaking pipe
Santa Barbara	15	465	2	578	Flooding
Ventura	2	8			Sewage
Los Angeles	6	19			Discharge of inadequately treated sewage
Orange	22	99			Sewage, line blockage and grease balls
San Diego	63	1434			Sewage, urban runoff; 3 of the 63 are permanent closures

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

** BEACH CLOSURES - 1995 **

(A report to the State Water Resources Control Board)

COUNTY: Del Norte CONTACT: Steve Landes 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)
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There were no beach closures in 1995.

** BEACH CLOSURES - 1995 **

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

There were no beach closures in 1995.

** BEACH CLOSURES - 1995 **

(A report to the State Water Resources Control Board)

COUNTY: Mendocino CONTACT: Jim Ehlers PHONE: 707/964-4713
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 1995.

** BEACH CLOSURES - 1995 **

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

There were no beach closures in 1995.

** BEACH CLOSURES - 1995 **

(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)
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There were no beach closures in 1995.

** BEACH CLOSURES - 1995 **

(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.	01/10/95 01/15/95	Ocean Beach	Rain
2.	01/10/95 01/15/95	Opp. Lake Merced	Rain
3.	01/15/95 02/18/95	Baker Beach	Rain
4.	02/09/95 02/17/95	Opp. Lake Merced	Overflow N. San Mateo Co.
5.	02/23/95 03/31/95	Baker Beach	Blockage in Sewer
6.	03/02/95 03/16/95	Ocean Beach	Rain
7.	03/02/95 03/16/95	Opp. Lake Merced	Rain
8.	03/03/95 03/08/95	Crissy Field	Rain
9.	03/03/95 03/08/95	Aquatic Park	Rain
10.	03/20/95 03/30/95	Opp. Lake Merced	Rain
11.	04/06/95 05/05/95	Baker Beach	Rain
12.	05/10/95 05/30/95	Baker Beach	Lobo Creek Influence
13.	06/14/95 06/24/95	Baker Beach	Rain
14.	08/23/95 08/26/95	Baker Beach	Blockage in Sewer
15.	09/11/95 10/18/95	Baker Beach	Lobo Creek Influence
16.	09/11/95 09/15/95	Opp. Lake Merced	Overflow N. San Mateo Co.
17.	11/01/95 11/14/95	Baker Beach	Rain
18.	11/09/95 11/15/95	Candlestick Park	Rain
19.	12/02/95 **	Baker Beach	Rain
20.	12/11/95 12/20/95	Ocean Beach	Power Outage

21.	12/11/95	12/20/95	Opp. Lake Merced	Power Outage
22.	12/11/95	12/20/95	Crissy Field	Power Outage
23.	12/11/95	12/21/95	Aquatic Park	Power Outage
24.	12/12/95	12/28/95	Candlestick Park	Power Outage
25.	12/29/95	01/04/96	Ocean Beach	Rain

26.	12/29/95	01/04/96	Opp. Lake Merced	Rain
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*All dates are for posting of warning signs only--No beaches were closed in 1994.

** Baker Beach remains closed due to construction on road way.

** BEACH CLOSURES - 1995 **

(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.	12/29/95	01/04/96	Opp. Lake Merced	Rain

*All dates are for posting of warning signs only--No beaches were closed in 1995.

**Baker Beach remains closed due to construction on road way.

** BEACH CLOSURES - 1995 **

(A report to the State Water Resources Control Board)

COUNTY: Contra Costa CONTACT: Craig Smith PHONE: 510/646-1261
ADDRESS: 1111 Ward Street, Room 301
Martinez, CA 94553

CLOSED	DATE	OPENED	BEACH/AREA CLOSED	REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)
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There were no beach closures in 1995.

** BEACH CLOSURES - 1995 **

(A report to the State Water Resources Control Board)

COUNTY: Alameda CONTACT: Leroy Todd PHONE: 510/567-6700
ADDRESS: 1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

CLOSED	DATE	OPENED	BEACH/AREA CLOSED	REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)
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There were no beach closures in 1995.

** BEACH CLOSURES - 1995 **

(A report to the State Water Resources Control Board)

COUNTY: San Mateo CONTACT: Brian J. Zamora PHONE: 415/363-4305
ADDRESS: 590 Hamilton, 4th Floor
Redwood City, CA 94062

CLOSED	DATE OPENED	BEACH/AREA CLOSED	REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)	
1.	01/12/95	01/24/95	San Pedro Beach, HMB	Sewage bypass
2.	01/30/95	02/08/95	Francis Beach	Manhole overflow
3.	01/30/95	04/03/95	Montara State Beach	Manhole overflow. Large quantities of sewage went into a marsh then into beach.
4.	02/02/95	02/03/95	Linda Mar Pump Station Outfall	Sewage bypass
5.	03/03/95	03/15/95	Coloma Creek	Sewage spill
6.	03/13/95	03/29/95	Francis Beach	Manhole overflow
7.	03/14/95	04/04/95	Corsica & Trinidad, Foster City	Manhole overflow
		Gloucester & Dewey, Foster City	Manhole overflow	
8.	03/16/95	04/05/95	Fitzgerald Marine Reserve	Manhole overflow into connecting drainage channel.
9.	03/24/95	04/12/95	Coloma Creek	Pump Station failure
10.	08/16/95	08/22/95	Moss Beach Lift Station	Pump Station failure
11.	08/28/95	09/20/95	Lagoons on both sides of Redwood Shores Pkwy	16" force main break
12.	10/06/95	10/27/95	Fitzgerald Marine Reserve	Lift station overflow
13.	12/26/95	01/02/96	Fitzgerald Marine Reserve	Sewage spill

** BEACH CLOSURES - 1995 **

(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	
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1. 03/11/95	03/26/95	Pajaro River mouth to Sunset Beach	Major flood, bypassed sewers, high fecal coliform levels.

** BEACH CLOSURES - 1995 **

(A report to the State Water Resources Control Board)

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

CLOSED	DATE	OPENED	BEACH/AREA CLOSED	REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)
1.	03/10/95	04/07/95	Zmudowski Beach	Flood related: 1. Hazardous materials washed up on beach from Pajaro River. 2. Elevated coliform counts.
2.	03/10/95	04/07/95	Salinas River Beach	Flood related: 1. Hazardous materials washed up on beach from Salinas River. 2. Elevated coliform counts. Most of the municipal wastewater treatment facilities of the various cities were affected in some manner. This caused sewage to spill into the Salinas River.

** BEACH CLOSURES - 1995 **

(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)
1.	11/95	01/96	Avila Beach	Oil spill leaky piping

** BEACH CLOSURES - 1995 **

(A report to the State Water Resources Control Board)

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

CLOSED	DATE OPENED	BEACH/AREA CLOSED	REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)	
1.	01/11/95	on-going	Arroyo Burro Beach (Santa Barbara City)	High bacteriological counts floods overwhelmed sewer system initially.
2.	01/11/95	on-going	East Beach at Mission Creek (Santa Barbara City)	High bacteriological counts.
3.	01/01/95	04/28/95	Goleta Beach (Goleta)	High bacteriological counts.
4.	01/11/95	02/02/95	All Santa Barbara Beaches (South County)	Due to 500 year flooding (high bacti counts, sewage overflows and discharge).
5.	03/10/95	03/17/95	All Santa Barbara Beaches (South County) approximately 35 miles of continous beach line including: Rincon Beach - Santa Barbara County Carpinteria Beach - Carpinteria Lookout Point - Summerland Hammond Beach - Montecito East Beach - Santa Barbara City West Beach - Santa Barbara City Leadbetter Beach - Santa Barbara City Hope Ranch Beach - Santa Barbara County Goleta Beach - Goleta Campus Point Beach - Goleta Coal Oil Point - Goleta Haskell's Beach, Santa Barbara County	All closed due to 500 year flooding (high bacti counts, sewage overflows and discharge).

** BEACH CLOSURES - 1995 **

(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.	07/13/95	07/16/95	Mandalay Bay	Sewage spill 35,000 gallons.
2.	07/12/95	09/20/95	Malibu Bay Club Beach	Leaking septic system estimate of discharge was 2-5 gallons per minute.

** BEACH CLOSURES - 1995 **

(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.	01/05/95	01/09/95	Dockweiler Beach and Manhattan Beach. Sandpiper St., Los Angeles to the Manhattan Beach Municipal Pier (Approximately 5 miles)	Failure of a pump station at Eucalyptus and Franklin in El Segundo due to heavy rains. Approximately 100,000 gallons of raw sewage entered the ocean at Grand Ave., Los Angeles.
2.	01/05/95	01/09/95	Inner Cabrillo Beach, San Pedro (Approximately 1/4 mile)	Mechanical failure at the Terminal Island Treatment Plant due to heavy rains. Approximately 1,000,000 gallons of raw sewage entered the Los Angeles Harbor.
3.	01/10/95	01/14/95	Will Rogers State Beach. Sunset Blvd to Chautauqua Blvd., Los Angeles (Approximately 2 miles)	Failure of a pump station due to heavy rain. Approximately 100,000 gallons of raw sewage entered the ocean at the Pulga storm drain.
4.	01/18/95	01/21/95	Torrance City/Palos Verdes Estates border to Long Point, Rancho Palos Verdes (Approximately 6 miles)	A landslide caused the collapse of a 10 inch sewer line. Sewage entered the ocean at Landa Bay. Amount of sewage was not able to be determined but range was between 144,000 to 1,000,000 gallons.
5.	02/25/95	02/28/95	Marina del Rey Beach, Marina del Rey (Approximately 1/4 mile)	High bacteria levels of unknown origin.
6.	10/08/95	10/09/95	Venice Blvd. to Sandpiper St. Los Angeles (Approximately 2 miles)	Clogged sewer line allowed raw sewage to discharge into Ballona Creek.

** BEACH CLOSURES - 1995 **

(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.	01/08/95 01/12/95	1/4 mile north and 1/4 mile south of Rivera Beach Tunnel, San Clemente	City of San Clemente - Several sewage pump station malfunctions caused trunk sewer to overflow into flood control channel to ocean. (6,000-10,000 gallons, untreated sewage).
2.	01/11/95 01/19/95	San Gabriel River, south to Seal Beach Pier, Seal Beach	CSDOC - 2 cases of stormwater surcharge of sewer lines, Beach & Imperial, La Habra (12,000 & 40,000 gallons, untreated sewage).
3.	01/11/95 01/20/95	Treasure Island Trailer Park, south to Table Rock, Aliso Beach, Laguna Beach	Trabuco Canyon Water District - Loss of power to sewage pump station caused activation of diesel generator, which subsequently ran out of fuel (250,000 gallons, untreated sewage).
4.	01/11/95 01/15/95	Projection of Magnolia Street, Huntington Beach State Park, Huntington Beach, south to projection of Superior Avenue, Newport Beach	CSDOC - Stormwater surcharge of sewer line, Harbor Blvd., Costa Mesa (116,000 gallons, untreated sewage).
5.	01/11/95 01/19/95	1000' north and 1500' south of El Morro Creek, El Morro Trailer Park, Crystal Cove State Beach, Laguna Beach	El Morro Trailer Park - Washout of 2 sewer lines crossing El Morro Creek serving about 15 trailers (Volume unknown, untreated sewage).
6.	01/13/95 01/20/95	Newport Bay (all), Newport Beach	IRWD - Broken 18" trunk sewer

pipeline in Serrano Creek, tributary to San Diego Creek and Newport Bay (2-10 million gallons, untreated sewage).

7. 02/02/95 02/06/95 250' north and 250' south of Cleo Street, Cleo St. Beach, Laguna Beach City of Laguna Beach-Root blockage of 8" sewer line caused manhole to overflow into canyon flood control channel and to beach at Cleo Street (3,000 gallons, untreated sewage).
8. 03/07/95 03/15/95 Doheny State Park Beach and Dana Point Harbor, Dana Point City of San Juan Capistrano-Line break in eroded bank (200,000 gallon, untreated sewage).
9. 03/07/95 03/09/95 500' north and 500' south of projection of Bluebird Canyon Drive, Laguna Beach City of Laguna Beach-Line blockage (1,000 gallons, untreated sewage).
10. 03/08/95 03/15/95 Carnation Cove, Newport Bay, Newport Beach City of Newport Beach-Line blockage (500-600 gallons, untreated sewage).
11. 03/26/95 03/28/95 500' north and 500' south of Aliso Creek, Aliso Beach, Laguna Beach South Coast Water District-Pump station power failure (~1,000 gallons, untreated sewage).
12. 04/17/95 04/20/95 Boat Canyon (Fisherman's Cove), City of Laguna Beach-Line

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| | Laguna Beach | blockage (300 gallons, untreated sewage). |
| 13. | 04/25/95 04/27/95 Heisler Park Cove (Rock Beach), Laguna Beach | City of Laguna Beach-Line blockage. (1,000 gallons, untreated sewage). |
| 14. | 06/18/95 06/21/95 250' north and 250' south of Cleo Street drain, Cleo St. Beach, Laguna Beach | City of Laguna Beach-Line blockage (500 gallons, untreated sewage). |
| 15. | 07/10/95 07/13/95 Treasure Island Trailer Park, cove below trailers #20-#40, Laguna Beach | Treasure Island Park-Line blockage (>500 gallons, untreated sewage). |
| 16. | 08/05/95 08/07/95 32nd Street-48th Street, Newport Beach | Source unknown-Grease particles on beach (Volume unknown, sewage associated grease particles). |
| 17. | 10/01/95 10/05/95 250' north and 250' south of Aliso Creek, Aliso Beach, Laguna Beach | South Coast Water District-Line break (~5,000 gallons, untreated sewage). |
| 18. | 11/06/95 11/09/95 100' north and 100' south of Broadway Creek, Main Beach, Laguna Beach | City of Laguna Beach-12" & 18" lines ruptured in city yard (500 gallons, untreated sewage). |
| 19. | 11/06/95 11/09/95 Treasure Island Trailer Park, | Treasure Island Trailer Park- |

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|-----|--|--|---|
| | cove below trailers #22-#40,
Laguna Beach | Line blockage (~500 gallons,
untreated sewage). | |
| 20. | 11/25/95 11/30/95 | 750' north and 750' south of
Aliso Creek, Aliso Beach, Laguna
Beach | SCWD-Line blockage (4,000
gallons, untreated sewage). |
| 21. | 12/14/95 12/19/95 | Carnation Cove & projection of
El Paseo Drive (Bahia Corinthian
Yacht Club), Newport Bay,
Newport Beach | City of Newport Beach-Line
blockage (~500 gallons,
untreated sewage). |
| 22. | 12/26/95 12/29/95 | 1500' north and 1500' south of
Broadway Creek, Main Beach,
Laguna Beach | City of Laguna Beach-Plug in
diversion failed (~4,000
gallons, untreated sewage). |

** BEACH CLOSURES - 1995 **

(A report to the State Water Resources Control Board)

COUNTY: San Diego CONTACT: Chris Gonaver PHONE: 619/338-2201
ADDRESS: P. O. Box 85261
San Diego, CA 92186-5261

CLOSED	DATE OPENED	BEACH/AREA CLOSED	REASON FOR CLOSURE/ AMOUNT SPILLED (GALLONS)
1.	01/08/95 01/11/95	Batiquitos Lagoon	Sewage overflows.
2.	03/06/95 03/18/95	Batiquitos Lagoon	Sewage overflows.
3.	01/14/95 01/19/95	Buena Vista Lagoon	Sewage overflows.
4.	03/05/95 03/08/95	Buena Vista Lagoon	Sewage overflows.
5.	01/07/95 01/17/95	Cardiff St Beach	Sewage overflows.
6.	01/25/95 01/27/95	Cardiff St Beach	Sewage overflows.
7.	02/04/95 02/07/95	Cardiff St Beach	Sewage overflows.
8.	03/06/95 03/29/95	Cardiff St Beach	Sewage overflows.
9.	04/15/95 04/18/95	Cardiff St Beach	Sewage overflows.
10.	05/22/95 05/25/95	Cardiff St Beach	Sewage overflows.
11.	10/26/95 10/29/95	Carlsbad St Beach	Sewage overflows.
12.	09/03/95 09/07/95	Del Mar Beach	Sewage overflows.
13.	10/14/95 10/16/95	Del Mar Beach	Sewage overflows.
14.	01/04/95 01/19/95	Imperial Beach	Rain/Sewage.
15.	01/25/95 01/30/95	Imperial Beach	Rain/Sewage.
16.	02/14/95 02/23/95	Imperial Beach	Rain/Sewage.
17.	02/24/95 02/28/95	Imperial Beach	Rain/Sewage.
18.	03/01/95 03/31/95	Imperial Beach	Rain/Sewage.
19.	04/25/95 04/30/95	Imperial Beach	Pump Station Failure.
20.	05/01/95 05/03/95	Imperial Beach	Pump Station Failure.

21.	05/11/95	05/13/95	Imperial Beach	Pump Station Failure.
22.	03/27/95	03/28/95	La Jolla	Pump Station Failure.
23.	04/26/95	04/28/95	La Jolla	Pump Station Failure.
24.	06/15/95	06/18/95	La Jolla	Pump Station Failure.
25.	08/04/95	08/09/95	La Jolla	Pump Station Failure.
26.	09/08/95	09/09/95	La Jolla	Pump Station Failure.
27.	01/01/95	02/08/95	Mission Bay	Rain.
28.	02/15/95	02/23/95	Mission Bay	Rain.
29.	02/26/95	03/27/95	Mission Bay	Rain.
30.	04/17/95	04/24/95	Mission Bay	Rain.
31.	05/27/95	06/02/95	Mission Bay	Rain.
32.	09/07/95	09/09/95	Mission Bay	Sewage overflows.
33.	01/06/95	01/13/95	San Diego Bay	Sewage overflows.
34.	01/06/95	01/11/95	San Diego Bay	Sewage overflows.
35.	01/12/95	01/15/95	San Diego Bay	Sewage overflows.
36.	02/02/95	02/06/95	San Diego Bay	Sewage overflows.
37.	02/21/95	02/24/95	San Diego Bay	Sewage overflows.
38.	02/26/95	03/01/95	San Diego Bay	Sewage overflows.

39.	03/05/95	03/14/95	San Diego Bay	Sewage overflows.
40.	06/20/95	06/23/95	San Diego Bay	Sewage overflows.
41.	07/01/95	07/05/95	San Diego Bay	Sewage overflows.
42.	09/16/95	09/18/95	San Diego Bay	Sewage overflows.
43.	09/22/95	09/25/95	San Diego Bay	Sewage overflows.
44.	11/12/95	11/14/95	San Diego Bay	Sewage overflows.
45.	01/31/95	02/03/95	San Diego River	Sewage overflows.
46.	03/20/95	03/24/95	San Diego River	Sewage overflows.
47.	07/12/95	07/15/95	San Diego River	Sewage overflows.
48.	11/19/95	11/21/95	San Diego River	Sewage overflows.
49.	11/27/95	11/29/95	San Diego River	Sewage overflows.
50.	12/15/95	12/19/95	San Diego River	Sewage overflows.
51.	12/29/95	01/01/96	San Diego River	Sewage overflows.
52.	08/07/95	08/11/95	Torrey Pines St. Pk.	Sewage overflows.
53.	12/01/95	12/02/95	Torrey Pines St. Pk.	Sewage overflows.
54.	03/11/95	03/17/95	San Onofre SB	Sewage overflows.
55.	07/04/95	07/07/95	Sunset Cliffs	Sewage overflows.
56.	07/23/95	07/25/95	Sunset Cliffs	Sewage overflows.
57.	08/31/95	09/02/95	Sunset Cliffs	Sewage overflows.
58.	01/19/95	01/23/95	Windansea PK	Sewage overflows.
59.	07/14/95	07/16/95	Windansea PK	Sewage overflows.
60.	08/26/95	08/28/95	Windansea PK	Sewage overflows.

In addition to the 60 closure events, there are 3 permanently posted beaches, which have chronically poor water quality:

	Closed		Cause
61.	01/01/95	San Luis Rey River Outlet, Oceanside	Chronically poor water quality
62.	01/01/95	Loma Alta Lagoon @ Buccaneer Beach, Oceanside	Same as above
63.	01/01/95	South end of Seacoast Dr. to the International Border	Same as above

- Advisories and Warnings were issued by the Department of Environmental Health on six separate occasions through press releases and the telephone advisory hot line. Due to weather conditions, the public was asked to avoid coastal recreational waters near storm drains, creeks, rivers and lagoon outlets for at least three days following storms. This was a precautionary measure, and not necessarily confirmed with bacteriological monitoring prior to the Advisories.

Date

01/03/95	Advisory
01/05/95	Warning
01/12/95	Warning
02/24/95	Advisory
03/06/95	Advisory
03/12/95	Warning



Cal/EPA

State Water
Resources
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MEMORANDUM

RLM

DWQ Originator Binder Copy



Pete Wilson
Governor

TO: Walt Pettit
Executive Director

ORIGINAL SIGNED BY:

DAVID B. COHEN *for*

FROM: Jesse M. Diaz, Chief
DIVISION OF WATER QUALITY

DATE: **AUG 20 1996**

SUBJECT: DRAFT 1995 BEACH CLOSURES REPORT

Attached is the Draft 1995 Beach Closures Report for your review. As we discussed at the last project tracking meeting, we intend to archive the report in present draft form until further notice.

If you have any questions regarding the above, please call me at 7-0756. The most knowledgeable person on this subject is Robin McCraw and she can be reached at 7-1270.

Attachment

cc: Dale Claypoole
Deputy Director

