	Impacted Beach(es)						Cause of Impact		
	Beach	Location	Beginning	Ending		Length posted ft.	Type	Cause	Vol (gal) spilled
Ī								Precautionary, outlet maintenance /	
ŀ	Del Mar City Beach	San Dieguito River Beach	1/2/2002	1/6/2002	4	400	Advisory	excavation	Unknown
2	Border Field State Park and Tijuana Slough Nat'l Wildlife Refuge Shoreline	U.S./ Mexico border to Seacoast Dr	1/3/2002	2/8/2002	36	5200	Closure, chronic	Urban Runoff/ sewage in Tijuana R	Unknown
	La Jolla Shores Beach, San Diego	El Paseo Grande	1/3/2002	1/5/2002	2	2600	Closure	sewer spill, Roots	1375
4	Mission Bay, San Diego	Beach at Visitor's	1/6/2002	1/18/2002	12	300	Advisory	Bacterial levels in monitoring	N/A
5	Ocean Beach, San Diego	San Diego River outlet (Dog Beach)	1/7/2002	1/11/2002	4	400	Closure	sewer spill, Vandalism Bacterial levels in	12000
6	San Diego Bay, Chula Vista		1/11/2002	2/2/2001	22	300	Advisory	monitoring	N/A
	San Diego Bay, multiple jurisdictions	Chollas Creek area of influence including: Tidelands Park, Glorietta Bay, Silver Strand bayside, Bayside Park, and Kellogg St Park	1/17/2002	1/20/2002	3	5200	Closure	sewer spill, Vandalism	718812
8	Moonlight Beach, Encinitas	Cottonwood Creek outlet	1/22/2002	1/25/2002	3	2500	Closure	sewer spill, Debris	7500
0	Dal Mar City Pageb	San Diaguita Biyar Basah	1/20/2002	1/21/2002	2	400	Advison	Precautionary, outlet maintenance / excavation	Unknown
	Del Mar City Beach Pacific Ocean, all coastal	San Dieguito River Beach	1/29/2002	1/31/2002	2	400	Advisory General	Urban Runoff	Unknown
- 1	municipalities Border Field State Park and	SD County coastline	1/28/2002	2/1/2002	4	0	Advisory	(includes rain)	Unknown
	Tijuana Slough Nat'l Wildlife Refuge Shoreline	U.S./ Mexico border to Seacoast Dr	2/20/2002	5/24/2002	93	5200	Closure, chronic	Urban Runoff/ sewage in Tijuana R	Unknown
12	Coronado Municipal Beach	Avd. del Sol	2/20/2002	2/22/2002	2	300	Advisory	Bacterial levels in monitoring	N/A
13	Mission Bay, San Diego	Beach at Visitor's	2/26/2002	6/5/2002	99	300	Advisory	Bacterial levels in monitoring	N/A
ľ	Silver Strand State Beach	Silver Strand N end						Bacterial levels in	
14	Silver Strand State Beach	(ocean side)	2/27/2002	3/1/2002	2	300	Advisory	monitoring Precautionary,	N/A
15	Imperial Beach City Beach	Imperial Beach shoreline	3/1/2002	3/3/2002	2	7000	Closure	suspected contamination	Unknown
	,		0, 1,12002	0/0/2002			0.000.0	Precautionary, outlet maintenance /	<u> </u>
L	Del Mar City Beach Pacific Ocean, all coastal	San Dieguito River Beach	3/7/2002	3/11/2002	4	400	Advisory General	excavation Urban Runoff	Unknown
	municipalities	SD County coastline	3/8/2002	3/11/2002	3	0	Advisory	(includes rain)	Unknown
18	Coronado Municipal Beach	Navy Fence / North Bch 'A'	3/15/2002	3/16/2002	1	300	Advisory	Bacterial levels in monitoring	N/A
	Pacific Ocean, all coastal municipalities	SD County coastline	3/18/2002	3/21/2002	2	0	General Advisory	Urban Runoff (includes rain)	Unknown
	Ocean Beach, San Diego	San Diego River outlet (Dog Beach)	3/19/2002	3/21/2002	2		Closure	sewer spill, Construction	74880
ľ	Cardiff State Beach, Encinitas	San Elijo Lagoon outlet	3/22/2002	4/5/2002	14		Advisory	Urban Runoff (includes rain)	Unknown
22	San Diego Bay, San Diego	Shelter Island Shoreline Park	3/23/2002	3/26/2002	3	300	Closure	sewer spill, Private overflow	11000

Impacted Beach(es)						
Beach	Location	Beginning	Ending	Total Days	Length posted ft.	
Del Mar City Beach	15th Street	3/23/2002	3/26/2002	3	400	
Pacific Ocean, all coastal municipalities	SD County coastline	3/24/2002	3/27/2002	3	0	
San Diego Bay, National City	Sweetwater River, Pepper Park	4/1/2002	4/3/2002	2	100	
Oceanside City Beach	Pier at Community Cntr	4/3/2002	4/5/2002	2	300	
South Carlsbad State Beach, Carlsbad	Batiquitos Lagoon outlet	4/3/2002	4/6/2002	3	1800	
Mission Bay, San Diego	Tecolote Shores, near storm drain	4/4/2002	4/5/2002	1	300	
29 Imperial Beach City Beach	Imperial Beach shoreline	4/8/2002	4/11/2002	3	7000	
San Diego Bay, San Diego	Spanish Landing	4/8/2002	4/10/2002	2	300	
Ocean Beach, San Diego	Dog Beach to OB pier	4/8/2002	4/10/2002	2	3400	
Mission Bay, San Diego	Leisure Lagoon, near storm drain	4/11/2002	4/13/2002	2	300	
Mission Bay, San Diego	Campland	4/11/2002	4/13/2002	2	300	
Imperial Beach City Beach	Imperial Beach shoreline	4/13/2002	4/17/2002	4	7000	
Del Mar City Beach	San Dieguito River Beach	4/26/2002	4/29/2002	3	400	
San Diego Bay, Chula Vista	Bayside Park (J Street)	4/15/2002	4/18/2002	3	300	
Mission Bay, San Diego	DeAnza Cove, near storm drain	4/17/2002	4/19/2002	2	300	
Mission Bay, San Diego	N Crown Pt, near Wildlife Refuge	4/17/2002	4/19/2002	2	300	
Mission Bay, San Diego	Fanuel Park	4/17/2002	4/19/2002	2	300	
Mission Bay, San Diego	Bonita Cove (Mariners)	4/17/2002	4/19/2002	2	300	
Pacific Ocean, all coastal municipalities	SD County coastline	4/24/2002	4/29/2002	5	0	
42 Mission Bay, San Diego	Fanuel Park	4/26/2002	4/30/2002	4	300	
Ocean Beach, San Diego	San Diego River outlet (Dog Beach)	4/26/2002	5/1/2002	5	300	
14 San Diego Bay, San Diego	Bessemer St	4/26/2002	4/29/2002	3	300	
Imperial Beach City Beach	Imperial Beach shoreline	4/26/2002	4/28/2002	2	7000	
46 San Diego Bay, Coronado	Tidelands Park (bayside)	4/26/2002	4/30/2002	4	300	
47 San Diego Bay, Chula Vista	Bayside Park (J Street)	4/26/2002	4/30/2002	4	300	
48 La Jolla Beach, San Diego	Coast Blvd gazebo	4/26/2002	4/30/2002	4	300	

Type Cause sewer spill, Private overflow 500 General Advisory (includes rain) Unknown Closure sewer spill, Vandalism 16600 Bacterial levels in monitoring N/A Closure sewer spill, Line break 8000 Bacterial levels in monitoring N/A Closure sewer spill, Line break 8000 Bacterial levels in monitoring N/A Urban Runoff/ sewage in Tijuana R 10490000 sewer spill, Pump Sta failure 39000 Bacterial levels in monitoring N/A Closure sewer spill, Pump Sta failure 39000 Bacterial levels in monitoring N/A Closure sewer spill, Line break 81000 Bacterial levels in monitoring N/A Bacterial levels in monitoring N/A Sewer spill, Line break 81000 Precautionary, outlet maintenance / excavation Unknown Bacterial levels in monitoring N/A Urban Runoff (includes rain) Unknown		Cause of Impact					
Closure overflow General Urban Runoff (includes rain) Unknown Closure sewer spill, Vandalism 16600 Bacterial levels in monitoring N/A Closure sewer spill, Line break 8000 Bacterial levels in monitoring N/A Closure sewer spill, Line break 8000 Bacterial levels in monitoring N/A Urban Runoff/ sewage Closure in Tijuana R 10490000 sewer spill, Pump Sta failure 39000 Closure failure 39000 Bacterial levels in monitoring N/A Bacterial levels in monitoring N/A Sewer spill, Line break 81000 Precautionary, outlet maintenance / excavation Unknown Bacterial levels in monitoring N/A Bacterial levels in monitoring N/A Bacterial levels in Movico Unknown Bacterial levels in Movico N/A Bacterial levels in Movicory Movicoring N/A Urban Runoff Movicory Urban Runoff Movicory (includes rain) Unknown Urban Runoff Sewage in Tijuana R Urban Runoff (includes rain) Unknown	Type	Cause	ιο ,				
General Advisory (includes rain) Unknown Closure sewer spill, Vandalism 16600 Bacterial levels in Monitoring N/A Closure sewer spill, Line break 8000 Bacterial levels in Monitoring N/A Closure sewer spill, Line break 8000 Bacterial levels in Monitoring N/A Urban Runoff/ sewage in Tijuana R 10490000 sewer spill, Pump Sta failure 4000 sewer spill, Pump Sta failure 39000 Bacterial levels in Monitoring N/A Bacterial levels in Monitoring N/A Bacterial levels in Mexico 81000 Precautionary, outlet maintenance / excavation Unknown Bacterial levels in Monitoring N/A Bacterial levels in Monitor		sewer spill, Private					
Advisory (includes rain) Unknown Closure sewer spill, Vandalism 16600 Bacterial levels in monitoring N/A Closure sewer spill, Line break 8000 Bacterial levels in Monitoring N/A Closure sewer spill, Line break 8000 Bacterial levels in Monitoring N/A Closure in Tijuana R 10490000 Sewer spill, Pump Sta failure 39000 Bacterial levels in Monitoring N/A Bacterial levels in Monitoring N/A Bacterial levels in Monitoring N/A Closure in Mexico 81000 Precautionary, outlet Monitoring N/A Sewer spill, Line break in Mexico 81000 Precautionary, outlet Monitoring N/A Bacterial levels in Monitoring N/A Urban Runoff (includes rain) Unknown	Closure	overflow	500				
Closure sewer spill, Vandalism 16600 Bacterial levels in monitoring N/A Closure sewer spill, Line break 8000 Bacterial levels in Monitoring N/A Closure sewer spill, Line break 8000 Bacterial levels in Monitoring N/A Closure in Tijuana R 10490000 sewer spill, Pump Sta failure 39000 Bacterial levels in Monitoring N/A Bacterial levels in Monitoring N/A Sewer spill, Line break in Mexico 81000 Precautionary, outlet maintenance / excavation Unknown Bacterial levels in Monitoring N/A Urban Runoff (includes rain) Unknown	General	Urban Runoff					
Closure sewer spill, Vandalism Advisory monitoring N/A Closure sewer spill, Line break 8000 Bacterial levels in monitoring N/A Closure sewer spill, Line break 8000 Bacterial levels in Monitoring N/A Closure in Tijuana R 10490000 Sewer spill, Pump Sta failure 39000 Bacterial levels in monitoring N/A Bacterial levels in monitoring N/A Bacterial levels in monitoring N/A Closure in Mexico 81000 Precautionary, outlet maintenance / excavation Unknown Bacterial levels in monitoring N/A Closure Urban Runoff (includes rain) Unknown	Advisory	(includes rain)	Unknown				
Bacterial levels in monitoring N/A	-	,					
Bacterial levels in monitoring N/A	Closure	sewer spill, Vandalism	16600				
Closure sewer spill, Line break 8000 Bacterial levels in monitoring N/A Urban Runoff/ sewage in Tijuana R 10490000 Sewer spill, Pump Sta failure 39000 Closure failure 39000 Bacterial levels in Monitoring N/A Bacterial levels in Monitoring N/A Bacterial levels in Monitoring N/A Sewer spill, Line break in Mexico 81000 Precautionary, outlet maintenance / excavation Unknown Bacterial levels in Monitoring N/A Bacteria							
Closure sewer spill, Line break Bacterial levels in monitoring N/A Urban Runoff/ sewage in Tijuana R 10490000 Sewer spill, Pump Sta failure 39000 Closure failure 39000 Bacterial levels in Monitoring N/A Bacterial levels in Monitoring N/A Bacterial levels in Monitoring N/A Sewer spill, Line break in Mexico 81000 Precautionary, outlet maintenance / excavation Unknown Bacterial levels in Monitoring N/A Bacterial lev	Advisorv		N/A				
Bacterial levels in monitoring N/A Urban Runoff/ sewage in Tijuana R Closure in Tijuana R Sewer spill, Pump Sta failure Bacterial levels in Advisory monitoring Advisory monitoring N/A Bacterial levels in Mexico Precautionary, outlet maintenance / excavation Bacterial levels in Monitoring N/A Bacterial levels in Monitoring N/A Bacterial levels in Monitoring N/A Bacterial levels in N/A Bacterial levels in N/A Bacterial levels in Monitoring N/A Ba	714110019	3	1471				
Bacterial levels in monitoring N/A Urban Runoff/ sewage in Tijuana R Closure in Tijuana R Sewer spill, Pump Sta failure Bacterial levels in Advisory monitoring Advisory monitoring N/A Bacterial levels in Mexico Precautionary, outlet maintenance / excavation Bacterial levels in Monitoring N/A Bacterial levels in Monitoring N/A Bacterial levels in Monitoring N/A Bacterial levels in N/A Bacterial levels in N/A Bacterial levels in Monitoring N/A Ba	Closure	sewer spill. Line break	8000				
Advisory monitoring N/A Urban Runoff/ sewage in Tijuana R 10490000 sewer spill, Pump Sta failure 4000 sewer spill, Pump Sta failure 39000 Bacterial levels in Monitoring N/A Bacterial levels in Mexico 81000 Precautionary, outlet maintenance / excavation Unknown M/A Bacterial levels in Monitoring N/A Bacterial levels in Mexico 81000 Precautionary, outlet maintenance / excavation Unknown Bacterial levels in Monitoring N/A General Urban Runoff (includes rain) Unknown Bacterial levels in Monitoring N/A Urban Runoff (includes rain) Unknown Urban Runoff	0.000.0		0000				
Closure in Tijuana R 10490000 Sewer spill, Pump Sta failure 39000 Bacterial levels in Monitoring N/A Bacterial levels in Mexico 81000 Precautionary, outlet maintenance / excavation Unknown M/A Bacterial levels in Monitoring N/A Bacterial levels in Mexico 81000 Precautionary, outlet maintenance / excavation N/A Bacterial levels in Monitoring N/A General Urban Runoff Advisory (includes rain) Unknown Bacterial levels in Monitoring N/A Urban Runoff Advisory (includes rain) Unknown	Advisory		N/A				
Closure in Tijuana R 10490000 sewer spill, Pump Sta failure 39000 Bacterial levels in Monitoring N/A Bacterial levels in Mexico 81000 Precautionary, outlet maintenance / excavation Unknown M/A Bacterial levels in Monitoring N/A Bacterial levels in N/A Sewer spill, Line break in Mexico 81000 Precautionary, outlet maintenance / excavation Unknown Bacterial levels in Monitoring N/A General Urban Runoff Advisory (includes rain) Unknown Bacterial levels in Monitoring N/A Urban Runoff Advisory (includes rain) Unknown	Advisory	monitoring	13/73				
Closure in Tijuana R 10490000 sewer spill, Pump Sta failure 39000 Bacterial levels in Monitoring N/A Bacterial levels in Mexico 81000 Precautionary, outlet maintenance / excavation Unknown M/A Bacterial levels in Monitoring N/A Bacterial levels in N/A Sewer spill, Line break in Mexico 81000 Precautionary, outlet maintenance / excavation Unknown Bacterial levels in Monitoring N/A General Urban Runoff Advisory (includes rain) Unknown Bacterial levels in Monitoring N/A Urban Runoff Advisory (includes rain) Unknown		Urban Bunoff/ cowago					
Closure failure 4000 sewer spill, Pump Sta failure 39000 Bacterial levels in Monitoring N/A Bacterial levels in Mexico 81000 Precautionary, outlet maintenance / excavation Unknown Bacterial levels in Monitoring N/A Bacterial levels in Mexico 81000 Precautionary, outlet maintenance / excavation Unknown Bacterial levels in Monitoring N/A General Urban Runoff Advisory (includes rain) Unknown Bacterial levels in Monitoring N/A Urban Runoff Advisory (includes rain) Unknown	Cloquro		10400000				
Closure failure 4000 sewer spill, Pump Sta failure 39000 Bacterial levels in Monitoring N/A Bacterial levels in Monitoring N/A Sewer spill, Line break in Mexico 81000 Precautionary, outlet maintenance / excavation Unknown Bacterial levels in Monitoring N/A General Urban Runoff Advisory (includes rain) Unknown Bacterial levels in Monitoring N/A Urban Runoff Advisory (includes rain) Unknown	Closule		10490000				
sewer spill, Pump Sta failure Sewer spill, Pump Sta failure Bacterial levels in Monitoring N/A Bacterial levels in Monitoring N/A Sewer spill, Line break in Mexico Precautionary, outlet maintenance / excavation Bacterial levels in Monitoring N/A Urban Runoff Advisory Urban Runoff	Clasuma		4000				
Closure failure 39000 Bacterial levels in monitoring N/A Bacterial levels in Monitoring N/A Sewer spill, Line break in Mexico 81000 Precautionary, outlet maintenance / excavation Unknown Bacterial levels in Monitoring N/A General Urban Runoff Advisory (includes rain) Unknown	Closure	71 7 7	4000				
Bacterial levels in monitoring N/A Bacterial levels in monitoring N/A Bacterial levels in monitoring N/A sewer spill, Line break in Mexico 81000 Precautionary, outlet maintenance / excavation Unknown Bacterial levels in M/A Urban Runoff Advisory (includes rain) Unknown	٥.						
Advisory monitoring N/A Bacterial levels in monitoring N/A sewer spill, Line break in Mexico 81000 Precautionary, outlet maintenance / excavation Unknown Bacterial levels in Monitoring N/A General Urban Runoff Advisory (includes rain) Unknown	Closure		39000				
Bacterial levels in monitoring N/A sewer spill, Line break in Mexico Precautionary, outlet maintenance / excavation Unknown Bacterial levels in Monitoring N/A General Urban Runoff (includes rain) Unknown Bacterial levels in Monitoring N/A Urban Runoff (includes rain) Unknown Urban Runoff							
Advisory monitoring N/A sewer spill, Line break in Mexico 81000 Precautionary, outlet maintenance / excavation Unknown Bacterial levels in monitoring N/A General Urban Runoff Advisory (includes rain) Unknown Bacterial levels in monitoring N/A Urban Runoff Advisory (includes rain) Unknown	Advisory		N/A				
Sewer spill, Line break in Mexico Precautionary, outlet maintenance / excavation Bacterial levels in monitoring Advisory Bacterial levels in monitoring N/A General Urban Runoff (includes rain) Urban Runoff Advisory Urban Runoff							
Closure in Mexico 81000 Precautionary, outlet maintenance / excavation Unknown Bacterial levels in monitoring N/A General Urban Runoff (includes rain) Unknown Bacterial levels in Monitoring N/A Urban Runoff (includes rain) Unknown Urban Runoff (includes rain) Unknown Urban Runoff (sewage in Tijuana R Unknown Urban Runoff (includes rain) Unknown	Advisory	-	N/A				
Precautionary, outlet maintenance / excavation Unknown Bacterial levels in M/A General Urban Runoff (includes rain) Unknown Bacterial levels in M/A Urban Runoff Advisory (includes rain) Unknown Urban Runoff Advisory (includes rain) Unknown Urban Runoff/ sewage in Tijuana R Urban Runoff Advisory (includes rain) Unknown							
maintenance / excavation Unknown Bacterial levels in monitoring N/A General Urban Runoff Advisory (includes rain) Unknown Bacterial levels in Monitoring N/A Urban Runoff Advisory (includes rain) Unknown	Closure	in Mexico	81000				
Advisory excavation Unknown Bacterial levels in monitoring N/A General Urban Runoff (includes rain) Unknown Bacterial levels in Monitoring N/A Urban Runoff (includes rain) Unknown Urban Runoff Advisory (includes rain) Unknown		Precautionary, outlet					
Bacterial levels in monitoring N/A Bacterial levels in M/A General Urban Runoff (includes rain) Unknown Bacterial levels in M/A Urban Runoff (includes rain) Unknown		maintenance /					
Advisory monitoring N/A Bacterial levels in monitoring N/A Bacterial levels in M/A General Urban Runoff (includes rain) Unknown Bacterial levels in M/A Urban Runoff (includes rain) Unknown Urban Runoff	Advisory	excavation	Unknown				
Bacterial levels in monitoring N/A Bacterial levels in monitoring N/A Bacterial levels in M/A General Urban Runoff Advisory (includes rain) Unknown Bacterial levels in M/A Urban Runoff Advisory (includes rain) Unknown Urban Runoff Advisory (includes rain) Unknown Urban Runoff Advisory (includes rain) Unknown Urban Runoff/ sewage in Tijuana R Urban Runoff Advisory (includes rain) Unknown		Bacterial levels in					
Advisory monitoring N/A Bacterial levels in monitoring N/A Bacterial levels in M/A General Urban Runoff (includes rain) Unknown Bacterial levels in M/A Urban Runoff (includes rain) Unknown Urban Runoff (includes rain) Unknown Urban Runoff (includes rain) Unknown Urban Runoff/ sewage in Tijuana R Urban Runoff Advisory (includes rain) Unknown Urban Runoff	Advisory	monitoring	N/A				
Bacterial levels in monitoring N/A Bacterial levels in M/A General Urban Runoff (includes rain) Unknown Bacterial levels in M/A Urban Runoff (includes rain) Unknown Urban Runoff (includes rain) Unknown Urban Runoff (includes rain) Unknown Urban Runoff/ sewage in Tijuana R Urban Runoff Advisory (includes rain) Unknown		Bacterial levels in					
Advisory monitoring N/A Bacterial levels in monitoring N/A Bacterial levels in M/A Bacterial levels in M/A Bacterial levels in M/A General Urban Runoff (includes rain) Unknown Bacterial levels in M/A Urban Runoff (includes rain) Unknown Urban Runoff (includes rain) Unknown Urban Runoff (includes rain) Unknown Urban Runoff Advisory (includes rain) Unknown Urban Runoff/ sewage in Tijuana R Urban Runoff Advisory (includes rain) Unknown Urban Runoff	Advisory	monitoring	N/A				
Bacterial levels in monitoring N/A Bacterial levels in M/A Bacterial levels in M/A Bacterial levels in M/A General Urban Runoff (includes rain) Unknown Bacterial levels in M/A Urban Runoff (includes rain) Unknown Urban Runoff/ sewage in Tijuana R Urban Runoff Advisory (includes rain) Unknown Urban Runoff		Bacterial levels in					
Bacterial levels in monitoring N/A Bacterial levels in Monitoring N/A Bacterial levels in Monitoring N/A General Urban Runoff Advisory (includes rain) Unknown Bacterial levels in Monitoring N/A Urban Runoff Advisory (includes rain) Unknown Urban Runoff Advisory (includes rain) Unknown Urban Runoff Advisory (includes rain) Unknown Urban Runoff/ sewage in Tijuana R Urban Runoff Advisory (includes rain) Unknown	Advisory	monitoring	N/A				
Bacterial levels in monitoring N/A General Urban Runoff Advisory (includes rain) Unknown Bacterial levels in monitoring N/A Urban Runoff Advisory (includes rain) Unknown Urban Runoff Advisory (includes rain) Unknown Urban Runoff Advisory (includes rain) Unknown Urban Runoff/ sewage in Tijuana R Urban Runoff Advisory (includes rain) Unknown Urban Runoff		Bacterial levels in					
Bacterial levels in monitoring N/A General Urban Runoff (includes rain) Unknown Bacterial levels in monitoring N/A Urban Runoff (includes rain) Unknown Urban Runoff (includes rain) Unknown Urban Runoff (includes rain) Unknown Urban Runoff/ sewage in Tijuana R Urban Runoff (includes rain) Unknown Urban Runoff	Advisory	monitoring	N/A				
General Urban Runoff Advisory (includes rain) Unknown Bacterial levels in M/A Urban Runoff (includes rain) Unknown Urban Runoff (includes rain) Unknown Urban Runoff (includes rain) Unknown Urban Runoff/sewage in Tijuana R Urban Runoff Advisory (includes rain) Unknown Urban Runoff	·	Bacterial levels in					
General Advisory (includes rain) Unknown Bacterial levels in MA Urban Runoff (includes rain) Unknown Urban Runoff/ sewage in Tijuana R Unknown Urban Runoff (includes rain) Unknown Urban Runoff	Advisorv	monitoring	N/A				
Advisory Bacterial levels in monitoring N/A Urban Runoff (includes rain) Unknown Urban Runoff (includes rain) Unknown Urban Runoff (includes rain) Unknown Urban Runoff/ sewage in Tijuana R Urban Runoff Advisory (includes rain) Unknown Urban Runoff Advisory (includes rain) Unknown Urban Runoff Advisory (includes rain) Unknown Urban Runoff Advisory Urban Runoff Urban Runoff		Urban Runoff					
Advisory Bacterial levels in monitoring N/A Urban Runoff (includes rain) Unknown Urban Runoff (includes rain) Unknown Urban Runoff (includes rain) Unknown Urban Runoff/ sewage in Tijuana R Urban Runoff Advisory (includes rain) Unknown Urban Runoff Advisory (includes rain) Unknown Urban Runoff Advisory (includes rain) Unknown Urban Runoff Advisory Urban Runoff Urban Runoff			Unknown				
Advisory monitoring N/A Urban Runoff (includes rain) Unknown Urban Runoff (includes rain) Unknown Urban Runoff/ Advisory Urban Runoff/ sewage in Tijuana R Urban Runoff Advisory (includes rain) Unknown Urban Runoff	,						
Urban Runoff (includes rain) Urban Runoff (includes rain) Urban Runoff (includes rain) Urban Runoff Advisory Urban Runoff/ sewage in Tijuana R Urban Runoff Advisory Urban Runoff Advisory Urban Runoff Advisory Urban Runoff Advisory Urban Runoff Urban Runoff Urban Runoff Urban Runoff Urban Runoff	Advisory		N/A				
Advisory (includes rain) Unknown Urban Runoff (includes rain) Unknown Urban Runoff/ sewage in Tijuana R Urban Runoff Advisory (includes rain) Unknown Urban Runoff Advisory (includes rain) Unknown Urban Runoff Advisory (includes rain) Unknown Urban Runoff Urban Runoff	ravicory	-	14//1				
Urban Runoff (includes rain) Urban Runoff/sewage In Tijuana R Urban Runoff Advisory Urban Runoff (includes rain) Urban Runoff Advisory Urban Runoff Advisory Urban Runoff Urban Runoff Urban Runoff Urban Runoff	Advisory		Linknown				
Advisory (includes rain) Unknown Urban Runoff/ sewage in Tijuana R Unknown Urban Runoff Advisory (includes rain) Unknown Urban Runoff Advisory (includes rain) Unknown Urban Runoff Urban Runoff	Advisory		OTIKITOWIT				
Urban Runoff/ sewage in Tijuana R Unknown Urban Runoff Advisory Urban Runoff Urban Runoff (includes rain) Urban Runoff Urban Runoff Urban Runoff Urban Runoff	Advisory		Linknown				
Closure in Tijuana R Unknown Urban Runoff (includes rain) Unknown Urban Runoff Advisory (includes rain) Unknown Urban Runoff Urban Runoff	Auvisory	(includes rain)	OTKHOWIT				
Closure in Tijuana R Unknown Urban Runoff (includes rain) Unknown Urban Runoff Advisory (includes rain) Unknown Urban Runoff Urban Runoff		Urban Bunoff/ sawa ==					
Advisory Urban Runoff (includes rain) Unknown Urban Runoff (includes rain) Unknown Urban Runoff Urban Runoff	Classina	S	l loke a				
Advisory (includes rain) Unknown Urban Runoff (includes rain) Unknown Urban Runoff	Ciosure	· ·	UNKNOWN				
Advisory Urban Runoff (includes rain) Unknown Urban Runoff	A -1-2-		Links				
Advisory (includes rain) Unknown Urban Runoff	Advisory		Unknown				
Urban Runoff							
	Advisory	,	Unknown				
Advisory (includes rain) Unknown							
	Advisory	(ıncludes rain)	Unknown				

	Impacted Beach(es)						
	Beach	Location	Beginning	Ending	Total Days	Length posted ft.	
49	Mission Bay, San Diego	Tecolote Creek outlet	4/26/2002	5/3/2002	7	300	
50	San Diego Bay, San Diego	Bessemer St	4/29/2002	5/1/2002	2	400	
51	La Jolla Beach, San Diego	Coast Blvd gazebo	5/2/2002	5/3/2002	1	300	
52	Mission Bay, San Diego	north Pacific Passage Leisure Lagoon, near	5/8/2002	5/10/2002	2	300	
53	Mission Bay, San Diego	storm drain San Diego River outlet	5/10/2002	5/11/2002	1	300	
54	Ocean Beach, San Diego	(Dog Beach)	5/7/2002	5/10/2002	3	400	
55	Mission Bay, San Diego	Tecolote Creek outlet Tecolote Shores, near	5/8/2002	6/5/2002	28	300	
56	Mission Bay, San Diego	storm drain	5/8/2002	5/10/2002	2	300	
57	San Diego Bay, Chula Vista La Jolla Shores Beach, San	Bayside Park (J Street)	5/10/2002	5/16/2002	6	300	
58	Diego	Scripps Pier, south side	5/10/2002	5/12/2002	2	300	
59	Pacific Beach, San Diego	Crystal Pier	5/17/2002	5/18/2002	1	300	
60	Moonlight Beach, Encinitas same event as above	Cottonwood Creek outlet	5/17/2002 5/20/2002	5/20/2002 5/24/2002	3		
	same event as above		5/24/2002	5/27/2002	3		
61	San Onofre State Beach	San Mateo Creek outlet	5/22/2002	5/23/2002	1	300	
62	Mission Bay, San Diego	Leisure Lagoon, near storm drain	5/22/2002	5/23/2002	1	300	
63	Mission Bay, San Diego	N Crown Pt, near Wildlife Refuge	5/22/2002	5/26/2002	4	300	
64	Mission Bay, San Diego	Balboa Ct.	5/22/2002	5/24/2002	2	300	
65	Mission Bay, San Diego	DeAnza Cove, near storm drain	5/22/2002	5/26/2002	4	300	
66	Tourmaline Surf Park, San Diego	P.B. Point	6/5/2002	6/7/2002	2	300	
67	Oceanside City Beach	San Luis Rey River outlet	6/6/2002	6/11/2002	5	200	
68	Torrey Pines State Beach	Los Peñasquitos Lagoon outlet	6/7/2002	6/9/2002	2	700	
69	Imperial Beach City Beach	IB shoreline to Palm Ave	6/8/2002	6/9/2002	1	4000	
70	Mission Bay, San Diego	Bonita Cove, eastern shore	6/12/2002	6/13/2002	1	300	
71	San Diego Bay, Chula Vista	Bayside Park (J Street)	6/13/2002	6/14/2002	1	300	
72	San Diego Bay, Coronado	Glorietta Bay	6/17/2002	6/21/2002	4	300	
73	San Diego Bay, San Diego	Spanish Landing	6/20/2002	6/22/2002	2	300	

Cause of Impact					
Туре	Cause	Vol (gal) spilled			
	Bacterial levels in				
Advisory	monitoring	N/A			
Closure	sewer spill, Roots	2640			
Advisory	Urban Runoff	10			
A -ll	Bacterial levels in monitoring	N1/A			
Advisory	Bacterial levels in	N/A			
Advisory	monitoring	N/A			
Advisory	morntoning	IN/A			
Closure	sewer spill, Roots	26000			
Olocalo	Bacterial levels in	20000			
Advisory	monitoring	N/A			
	Bacterial levels in				
Advisory	monitoring	N/A			
	Bacterial levels in				
Advisory	monitoring	N/A			
	Bacterial levels in				
Advisory	monitoring	N/A			
	Bacterial levels in				
Advisory	monitoring	N/A			
Closure	sewer spill, Pump Sta failure	33000			
	Bacterial levels in				
Advisory	monitoring	N/A			
	Bacterial levels in				
Advisory	monitoring	N/A			
	Bacterial levels in				
Advisory	monitoring	N/A			
A duicent	Bacterial levels in monitoring	NI/A			
Advisory	Bacterial levels in	N/A			
Advisory	monitoring	N/A			
Advisory	Urban Runoff	14//1			
Advisory	(includes rain)	Unknown			
	Bacterial levels in				
Advisory	monitoring	Unknown			
Closure	sewer spill, Roots	2250			
	Precautionary,				
	suspected				
Closure	contamination	Unknown			
A -11-	Bacterial levels in	N1/A			
Advisory	monitoring	N/A			
Advise = :	Urban Runoff (includes rain)	Unkne			
Advisory	sewer spill,	Unknown			
Closure	Construction	1000			
Ciosuic	Bacterial levels in	1000			
Advisory	monitoring	N/A			
a v 1501 y		14//			

	Impacted Beach(es)						
	Beach	Location	Beginning	Ending	Total Days	Length posted ft.	
74	Oceanside/ Carlsbad border	Buena Vista Lagoon outlet	6/24/2002	6/27/2002	3	300	
75	Torrey Pines State Beach	Los Peñasquitos Lagoon outlet	6/27/2002	6/30/2002	3	700	
76	Mission Bay, San Diego	South Santa Clara Cove	6/26/2002	6/27/2002	1	300	
77	Oceanside City Beach	Pier to Surfrider Way	7/2/2002	7/3/2002	1	800	
78	Mission Bay, San Diego	Campland	7/3/2002	7/4/2002	1	300	
79	Mission Bay, San Diego	South Santa Clara Cove	7/10/2002	7/11/2002	1	300	
80	Mission Bay, San Diego	Tecolote Creek outlet	7/10/2002	7/14/2002	4	300	
81	Agua Hedionda Lagoon, Carlsbad	YMCA Aquatic Park	7/10/2002	7/13/2002	3	600	
82	Ocean Beach, San Diego	San Diego River outlet (Dog Beach)	7/11/2002	7/13/2002	2	300	
83	Oceanside City Beach	Pier at Community Cntr	7/16/2002	7/18/2002	2	300	
84	Mission Bay, San Diego	Campland	7/17/2002	7/24/2002	7	300	
85	Border Field State Park	Border Fence, N side	7/18/2002	7/19/2002	1	300	
86	Oceanside City Beach	Pier at Community Cntr	7/23/2002	7/24/2002	1	300	
87	Mission Bay, San Diego	N Crown Pt, near Wildlife Refuge	7/24/2002	7/25/2002	1	300	
88	Coronado Municipal Beach	Avd. del Sol	7/25/2002	7/26/2002	1	300	
89	Ocean Beach, San Diego	San Diego River outlet (Dog Beach)	7/25/2002	7/28/2002	3	300	
90	Coronado Municipal Beach	Avd. del Sol	7/30/2002	8/2/2002	3	300	
91	San Diego Bay, Coronado	Tidelands Park (bayside)	8/1/2002	8/3/2002	2	300	
92	San Diego Bay, San Diego	Spanish Landing	8/1/2002	8/4/2002	3	300	
93	Mission Bay, San Diego	La Cima, near storm drain	8/7/2002	8/11/2002	4	300	
94	Ocean Beach, San Diego	San Diego River outlet (Dog Beach)	8/9/2002	8/17/2002	8	300	
95	San Diego Bay, San Diego	Bessemer St	8/9/2002	8/10/2002	1	300	
96	San Diego Bay, San Diego	Spanish Landing	8/9/2002	9/26/2002	48	300	
97	La Jolla Shores Beach, San Diego	Ave De La Playa	8/14/2002	8/15/2002	1	600	
98	Mission Bay, San Diego	Bonita Cove (Mariners)	8/14/2002	8/16/2002	2	800	
99	Border Field State Park and Tijuana Slough Nat'l Wildlife Refuge Shoreline	U.S./ Mexico border to Seacoast Dr	8/14/2002	8/15/2002	1	5200	

Cause of Impact					
Туре	Cause	Vol (gal) spilled			
Турс	Precautionary, outlet	Оршоа			
	maintenance /				
Advisory	excavation	Unknown			
Auvisory		UTIKITOWIT			
	Precautionary, outlet				
Λ ali a a	maintenance / excavation	I lales acces			
Advisory		Unknown			
Λ ali a a	Bacterial levels in	NI/A			
Advisory	monitoring Bacterial levels in	N/A			
Λ ali a a		NI/A			
Advisory	monitoring	N/A			
A -11	Bacterial levels in	N1/A			
Advisory	monitoring	N/A			
	Bacterial levels in				
Advisory	monitoring	N/A			
	Bacterial levels in				
Advisory	monitoring	N/A			
	Private Pump Station				
Closure	failure	100			
	Bacterial levels in				
Advisory	monitoring	N/A			
	Bacterial levels in				
Advisory	monitoring	N/A			
	Bacterial levels in				
Advisory	monitoring	N/A			
	Bacterial levels in				
Advisory	monitoring	N/A			
	Bacterial levels in				
Advisory	monitoring	N/A			
	Bacterial levels in				
Advisory	monitoring	N/A			
	Bacterial levels in				
Advisory	monitoring	N/A			
	Bacterial levels in				
Advisory	monitoring	N/A			
	Bacterial levels in				
Advisory	monitoring	N/A			
	Bacterial levels in				
Advisory	monitoring	N/A			
	Bacterial levels in				
Advisory	monitoring	N/A			
	Bacterial levels in				
Advisory	monitoring	N/A			
	Bacterial levels in				
Advisory	monitoring	N/A			
	Bacterial levels in				
Advisory	monitoring	N/A			
	Bacterial levels in				
Advisory	monitoring	N/A			
	Urban Runoff (water				
Advisory	line break)	10000			
	Bacterial levels in				
Advisory	monitoring	N/A			
	Monitoring, and S				
	swell, Playas De				
Closure	Tijuana	Unknown			

Impacted Beach(es)							
Beach	Location	Beginning	Ending	Total Days	Length posted ft.		
San Onofre State Beach	north San Onofre SB. Old Man's	8/15/2002	8/18/2002	3	300		
Mission Bay, San Diego	Bonita Cove to Balboa Ct	8/28/2002	8/30/2002	2	3000		
	Ct	8/30/2002	9/2/2002				
same event as above	eastern shore of Bonita Cove	9/16/2002	9/23/2002				
Mission Bay, San Diego	Fanuel Park	8/28/2002	8/30/2002	2	300		
Tourmaline Surf Park, San Diego	P.B. Point	8/29/2002	8/30/2002	1	400		
Ocean Beach, San Diego	San Diego River outlet (Dog Beach)	8/29/2002	8/31/2002	2	300		
San Diego Bay, San Diego	Bessemer St	8/30/2002	9/5/2002	6	300		
Mission Bay, San Diego	South Santa Clara Cove DeAnza Cove, near storm	9/5/2002	9/7/2002	2	300		
Mission Bay, San Diego	drain	9/5/2002	9/7/2002	2	300		
J 77	Central and South County	9/6/2002	9/28/2002	22	300		
		9/6/2002	9/10/2002				
Sunset Cliffs Park, San							
Ü	Leisure Lagoon, near storm drain						
Mission Bay, San Diego	La Cima, near storm drain	9/11/2002	9/13/2002				
San Elijo State Beach	Stair access near main entrance	9/11/2002	9/12/2002	1	300		
Mission Bay, San Diego	DeAnza Cove, near storm drain	9/12/2002	9/14/2002	2	300		
Mission Bay, San Diego	South Santa Clara Cove	9/12/2002	9/14/2002	2	300		
Diego	P.B. Point	9/13/2002	9/14/2002	1	300		
Oceanside City Beach	Surfrider Way	9/17/2002	9/18/2002	1	300		
Oceanside City Beach	San Luis Rey River outlet	9/17/2002	9/18/2002	1	300		
	·	9/17/2002	9/18/2002				
San Diego Bay, San Diego	Sen Luia Ray Biver outlet	9/24/2002	9/26/2002				
·	•						
Tourmaline Surf Park, San Diego	P.B. Point						
	San Onofre State Beach Mission Bay, San Diego same event as above same event as above Mission Bay, San Diego Tourmaline Surf Park, San Diego Ocean Beach, San Diego Mission Bay, San Diego San Diego Bay, San Diego Mission Bay, San Diego San Diego Bay, Chula Vista Pacific Ocean Mission Bay, San Diego Sunset Cliffs Park, San Diego Mission Bay, San Diego Mission Bay, San Diego Sunset Cliffs Park, San Diego Mission Bay, San Diego San Elijo State Beach Mission Bay, San Diego Can Elijo State Beach Mission Bay, San Diego Oceanside City Beach Oceanside City Beach South Carlsbad State Beach South Carlsbad State Beach Mission Bay, San Diego Oceanside City Beach Oceanside City Beach	Beach Location San Onofre State Beach Man's	Beach Location Beginning north San Onofre SB. Old Man's 8.715/2002 Mission Bay, San Diego Bonita Cove to Balboa Ct Bonita Cove and Balboa Ct Bonita Cove asstern shore of Bonita Cove Bo	Beach Location Beginning Ending San Onofre State Beach Inorth San Onofre SB. Old Man's 8/15/2002 8/18/2002 8/18/2002 8/18/2002 8/18/2002 8/18/2002 8/18/2002 8/18/2002 8/18/2002 8/18/2002 8/18/2002 8/18/2002 8/18/2002 8/18/2002 8/18/2002 8/18/2002 9/16/2	Deach		

Cause of Impact						
-	0	Vol (gal)				
Type	Cause	spilled				
	Bacterial levels in					
Advisory	monitoring	N/A				
Advisory	Bacterial levels in monitoring	N/A				
	Bacterial levels in					
Advisory	monitoring	N/A				
	Bacterial levels in					
Advisory	monitoring	N/A				
	Bacterial levels in					
Advisory	monitoring	N/A				
	Bacterial levels in					
Advisory	monitoring	N/A				
	Bacterial levels in					
Advisory	monitoring	N/A				
-	Bacterial levels in					
Advisory	monitoring	N/A				
·	Bacterial levels in					
Advisory	monitoring	N/A				
General	Urban Runoff					
Advisory	(includes rain)	Unknown				
Closure	sewer spill, Line break	5900				
A duicent	Urban Runoff	Linknown				
Advisory	(includes rain)	Unknown				
A duic	Bacterial levels in	N1/A				
Advisory	monitoring	N/A				
A duic	Bacterial levels in	N1/A				
Advisory	monitoring	N/A				
Λ al: a - ·- ·	Bacterial levels in	N1/A				
Advisory	monitoring	N/A				
A duice = :	Bacterial levels in	N1/A				
Advisory	monitoring	N/A				
Λ al: a - ·- ·	Bacterial levels in	N1/A				
Advisory	monitoring	N/A				
A also dia	Bacterial levels in	N1/A				
Advisory	monitoring	N/A				
	Bacterial levels in					
Advisory	monitoring	N/A				
	Bacterial levels in					
Advisory	monitoring	N/A				
	Bacterial levels in					
Advisory	monitoring	N/A				
l	Bacterial levels in					
Advisory	monitoring	N/A				
	Bacterial levels in					
Advisory	monitoring	N/A				
	Bacterial levels in					
Advisory	monitoring	N/A				
	Destarial lavale in					
	Bacterial levels in monitoring					

	Impacted Beach(es)						
	Beach	Location	Beginning	Ending	Total Days	Length posted ft.	
125	Mission Bay, San Diego	Campland	9/25/2002	12/31/2002	92	300	
	Mission Bay, San Diego	Bahia Point, near storm drain	9/25/2002	10/4/2002	9		
127	Mission Bay, San Diego	N Crown Pt, near Wildlife Refuge	9/27/2002	9/29/2002	2	300	
128	Mission Bay, San Diego	Visitor's Center, near storm drain	10/4/2002	10/5/2002	1	300	
129	Del Mar City Beach	San Dieguito River Beach	10/4/2002	10/9/2002	5	400	
130	La Jolla Beach, San Diego	La Jolla Cove	10/5/2002	10/6/2002	1	600	
131	Ocean Beach, San Diego	San Diego River outlet (Dog Beach)	10/9/2002	10/10/2002	1	300	
132	Mission Bay, San Diego	La Cima, near storm drain	10/9/2002	10/11/2002	2	300	
133	Mission Bay, San Diego	Fanuel Park	10/9/2002	10/11/2002	2	300	
134	La Jolla Beach, San Diego	La Jolla Cove	10/9/2002	10/11/2002	2	300	
135	Torrey Pines State Beach	Anderson Canyon	10/10/2002	10/11/2002	1	300	
136	Border Field State Park	Border Fence, N side	10/10/2002	10/16/2002	6	300	
137	Tijuana Slough Nat'l Wildlife Refuge Shoreline	Tijuana Rivermouth	10/10/2002	10/12/2002	2	300	
138	Sunset Cliffs Park, San Diego	Ladera Street	10/14/2002	10/16/2002	2	1000	
139	Torrey Pines State Beach	Los Peñasquitos Lagoon outlet	10/17/2002	10/19/2002	2	300	
140	Del Mar City Beach	San Dieguito River Beach	10/17/2002	10/19/2002	2	300	
141	San Diego Bay, Chula Vista	Bayside Park (J Street) Bahia Point, near storm	10/18/2002	10/19/2002	1	300	
142	Mission Bay, San Diego	drain	10/23/2002	11/1/2002	9	300	
143	Solana Beach City Beach	Seascape Beach Park	10/23/2002	10/25/2002	2	300	
144	Del Mar City Beach	San Dieguito River Beach	10/23/2002	10/25/2002	2	300	
145	San Diego Bay, Chula Vista	Bayside Park (J Street)	10/24/2002	10/25/2002	1	300	
146	Torrey Pines State Beach	Los Peñasquitos Lagoon outlet	10/28/2002	10/31/2002	3	700	
147	Mission Bay, San Diego	Visitor's Center, near storm drain	10/31/2002	11/2/2002	2		
	same event as above	Beach at Visitor's Pier to S jetty at Harbor	11/2/2002	12/31/2002	59	500	
148	Oceanside City Beach	Beach	11/5/2002	11/7/2002	2	3700	
149	Mission Bay, San Diego	DeAnza Cove, near storm drain	11/7/2002	11/16/2002	9	300	
150	Border Field State Park	Border Fence, N side	11/7/2002	11/8/2002	1	300	
151	Tijuana Slough Nat'l Wildlife Refuge Shoreline	3/4 mi. N of TJ River	11/7/2002	11/8/2002	1	300	

		Vol (gal)
Type	Cause	spilled
	Bacterial levels in	
Advisory	monitoring	N/A
	Bacterial levels in	
Advisory	monitoring	N/A
	Bacterial levels in	
Advisory	monitoring	N/A
	Bacterial levels in	
Advisory	monitoring	N/A
	Precautionary, outlet	
	maintenance /	
Advisory	excavation	Unknow
Closure	sewer spill, Grease	111
Olosule	Bacterial levels in	111
A divisory	monitoring	N/A
Advisory	Bacterial levels in	IN/A
۸ ما، .: م م m .		NI/A
Advisory	monitoring	N/A
	Bacterial levels in	
Advisory	monitoring	N/A
	Bacterial levels in	
Advisory	monitoring	N/A
	Bacterial levels in	
Advisory	monitoring	N/A
	Bacterial levels in	
Advisory	monitoring	N/A
	Bacterial levels in	
Advisory	monitoring	N/A
, ,		
Closure	sewer spill, Roots	590
0.000.0	Bacterial levels in	000
Advisory	monitoring	N/A
Auvisory	Bacterial levels in	IN/A
۸ ما، .: م م m .		NI/A
Advisory	monitoring	N/A
	Bacterial levels in	
Advisory	monitoring	N/A
	Bacterial levels in	
Advisory	monitoring	N/A
	Bacterial levels in	
Advisory	monitoring	N/A
	Bacterial levels in	
Advisory	monitoring	N/A
•	Bacterial levels in	
Advisory	monitoring	N/A
Closure	sewer spill, Debris	1500
0.000.0	Journal of	.000
Advisory	Bacterial levels in	N/A
Auvisory	monitoring	IN/A
	<u></u>	1
	Bacterial levels in	
Advisory	monitoring	N/A
	Bacterial levels in	
Advisory	monitoring	N/A
	Bacterial levels in	
Advisory	monitoring	N/A
	Bacterial levels in	
Advisory	monitoring	N/A

	Impacted Beach(es)						
	Beach	Location	Beginning	Ending	Total Days	Length posted ft.	
152	Imperial Beach City Beach	End of Seacoast Dr	11/7/2002	11/8/2002	1	300	
153	Pacific Ocean	SD County coastline	11/8/2002	11/12/2002	4	0	
154	Tijuana Slough Nat'l Wildlife Refuge Shoreline	U.S./ Mexico border to Seacoast Dr	11/8/2002	11/14/2002	6	5200	
155	Oceanside City Beach	S to N jetty, Harbor Beach	11/18/2002	11/21/2002	3	2000	
156	La Jolla Beach, San Diego	Coast Blvd N Nicholson Pt (Hospitals)	11/19/2002	11/21/2002	2	300	
157	Border Field State Park and Tijuana Slough Nat'l Wildlife Refuge Shoreline	U.S./ Mexico border to Seacoast Dr	12/3/2002	12/5/2002	2	5200	
158	Oceanside City Beach	500' N and S of pier	12/2/2002	12/6/2002	4	1000	
159	Oceanside City Beach	San Luis Rey River outlet	12/3/2002	12/6/2002	3	300	
160	Pacific Ocean	SD County coastline	12/17/2002	12/24/2002	7	0	
161	Border Field State Park and Tijuana Slough Nat'l Wildlife Refuge Shoreline	U.S./ Mexico border to Seacoast Dr	12/17/2002	12/31/2002	14	5200	
162	Del Mar City Beach	San Dieguito River Beach	12/18/2002	12/19/2002	1	600	
163	Imperial Beach City Beach	Imperial Beach Pier	12/19/2002	12/20/2002	1	300	
164	Oceanside City Beach	St Malo	12/19/2002	12/23/2002	4	300	
165	Oceanside/ Carlsbad border	Buena Vista Lagoon outlet	12/19/2002	12/26/2002	7	300	
166	Oceanside City Beach	Cassidy Street	12/19/2002	12/21/2002	2	300	
167	Oceanside City Beach	Forester Street	12/19/2002	12/21/2002	2	300	
168	Coronado Municipal Beach	Avd. del Sol	12/19/2002	12/20/2002	1	300	
169	Carlsbad State Beach	Tamarack and warm water jetties	12/18/2002	12/21/2002	3	800	
170	Oceanside City Beach	Buccaneer Beach	12/19/2002	12/21/2002	2	300	
171	Imperial Beach City Beach	Palm Ave	12/19/2002	12/20/2002	1	300	

Cause of Impact				
Туре	Cause	Vol (gal) spilled		
Advisory	Bacterial levels in monitoring	N/A		
General Advisory	Urban Runoff (includes rain)	Unknown		
Closure	Urban Runoff/ sewage in Tijuana R	Unknown		
Closure	sewer spill, Grease	30600		
Advisory	Bacterial levels in monitoring	N/A		
Closure	Precautionary, suspected contamination	Unknown		
Advisory	Precautionary, pier cleaning	N/A		
Advisory	Bacterial levels in monitoring	N/A		
General Advisory	Urban Runoff (includes rain)	Unknown		
Closure, chronic	Urban Runoff/ sewage in Tijuana R	Unknown		
	Precautionary, outlet maintenance /			
Advisory	excavation Bacterial levels in monitoring	Unknown		
Advisory Advisory*	Bacterial levels in monitoring	N/A N/A		
Auvisory	Precautionary, outlet maintenance /	IV/A		
Advisory	excavation Bacterial levels in	N/A		
Advisory*	monitoring Bacterial levels in	N/A		
Advisory*	monitoring Bacterial levels in	N/A		
Advisory*	monitoring	N/A		
Closure	Pump station failure Bacterial levels in	1100		
Advisory*	monitoring Bacterial levels in	N/A		
Advisory*	monitoring	N/A		

	Impacted Beach(es)					
	Beach	Location	Beginning	Ending	Total Days	Length posted ft.
172	Coronado Municipal Beach	Loma Ave / Central Beach	12/17/2002	12/20/2002	3	300
173	Imperial Beach City Beach	Imperial Beach shoreline	12/20/2002	12/25/2002	5	7000
174	Torrey Pines State Beach	Anderson Canyon	12/21/2002	12/24/2002	3	1200
175	Mission Bay, San Diego	Rose Creek area of influence including: Campland, Leisure Lagoon, DeAnza Cove, Enchanted Cove and NW side of Fiesta Is, n Crown Pt, and Ski Beach on Vacation Isle	12/26/2002	12/31/2002	5	4500
176	Oceanside/ Carlsbad border	Buena Vista Lagoon outlet	12/30/2002	12/31/2002	1	600
177	Pacific Ocean	SD County coastline	12/29/2002	12/31/2002	2	0
178	La Jolla Beach, San Diego	Children's Pool	1/1/2002	12/31/2002	365	300
179	San Diego Bay, San Diego	Shelter Island	1/1/2002	12/31/2002	362	300

	Cause of Impact	
_	0	Vol (gal)
Type	Cause	spilled
	Bacterial levels in	
Advisory*	monitoring	N/A
	Precautionary,	
	suspected	
Closure	contamination	Unknown
Closure	sewer spill, Roots	1800
Closure**	sewer spill, Grease	126256
Closure	sewer spill, Debris	6800
General	Urban Runoff	
Advisory	(includes rain)	Unknown
Advisory,	Contamination- marine	
chronic	mammals	N/A
	Bacterial levels in	
Advisory	monitoring	N/A

^{**} volume originally reported as 11,100 gal

Event tally Closures (sewage) Advisories (monitoring, precautionary, other)	35 131	Duration (days) Closure days Advisory days does not include simultaneous postings or Chronic days	103 1194	
General Advisories	9	General Advisory days	35	

Total Water			
Contamination Events	175	Total Days	1332

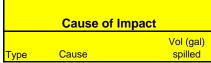
Chronic days not included in total days figure above

508

Note:

Chronic events and days are not tallied with other events because normal protocols to remove signs are not followed at these locations. Although sample results at Chronic locations may be within State Standards, the presence of known, on-going sources of contamination require signs to remain posted at these locations to protect public health.





Permanently posted storm drain oulets

Rain creates urban runoff flows from coastal storm drain, river, and lagoon outlets that contaminate ocean and bay waters. The Department of Environmental Health (DEH) issues a General Advisory to avoid contact with all ocean and bay waters for 72 hours after rainfall amounts greater than 0.2 inches.

During dry weather, the DEH advises avoiding contact with runoff from strom drain, river, and lagoon outlets as well as ocean or bay waters within 75 feet of an outlet.

The following coastal outlets can have urban runoff flows during dry weather. These locations are posted with DEH permanent metal storm drain outlet warning signs:

Oceanside

San Luis Rey River outlet Wisconsin Street

Carlsbad

Buena Vista Lagoon outlet
Carlsbad Village Drive
Tamarack (Agua Hedionda Lagoon outlet)
South Carlsbad State Beach at Batiquitos Lagoon outlet



Encinitas

Moonlight Beach at Cottonwood Creek outlet Cardiff State Beach at San Elijo Lagoon outlet

Solana Beach

Fletcher Cove Seascape Beach Park

Del Mar

San Dieguito River Beach 15th Street

City of San Diego

Torrey Pines State Beach at Los Peñasquitos Lagoon outlet Avenida De La Playa South Casa Beach Coast Blvd/ n Nicholson Pt P.B. Point Tourmaline Surf Park Grand Ave Dog Beach at San Diego River outlet

For a map of sampling locations at San Diego County beaches, go to www.california.earth911.org/usa/WaterQuality/default.asp?cluster=1
OR www.earth911.org ,enter zip code 92112 and select 'Beach Water Quality'