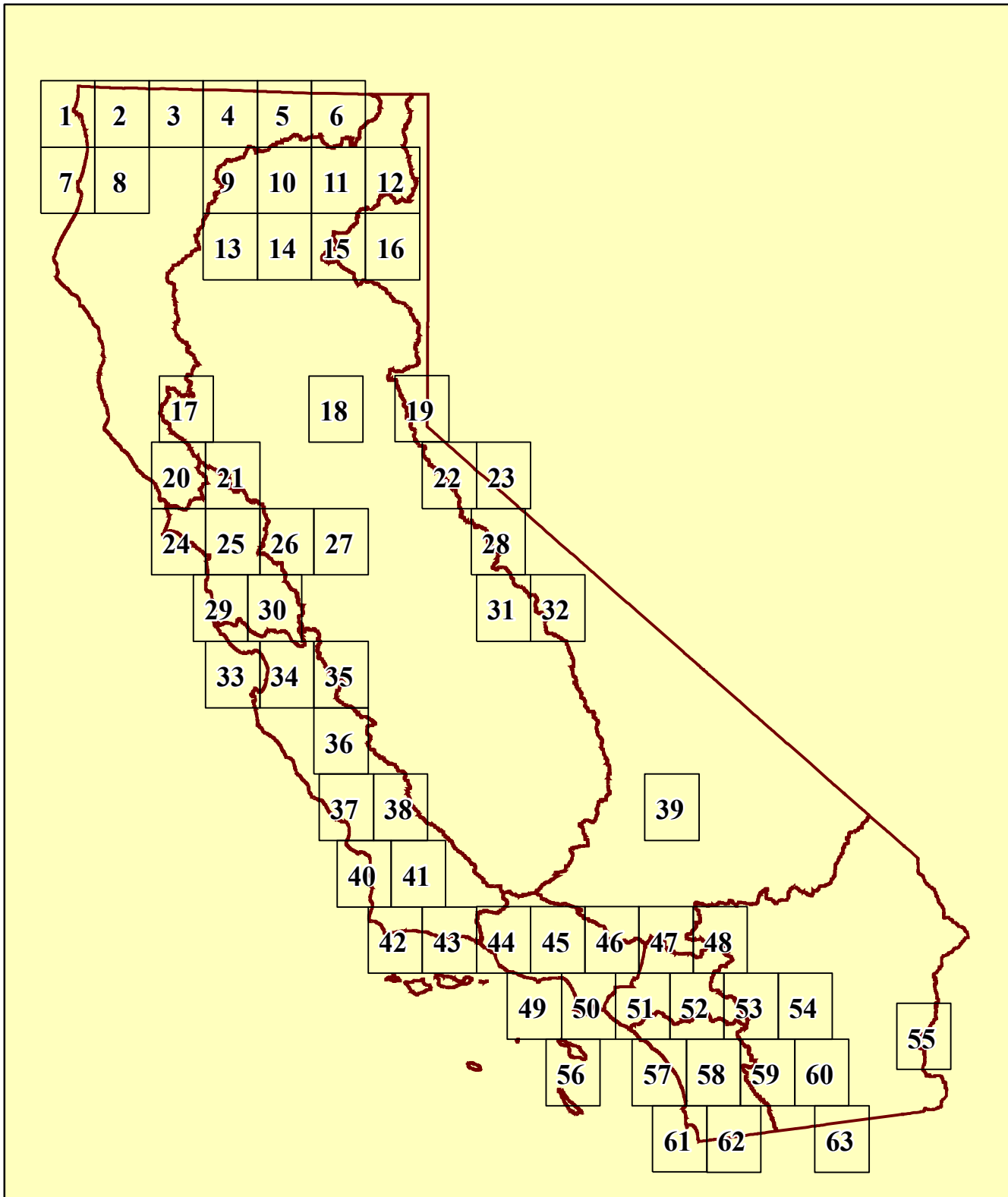


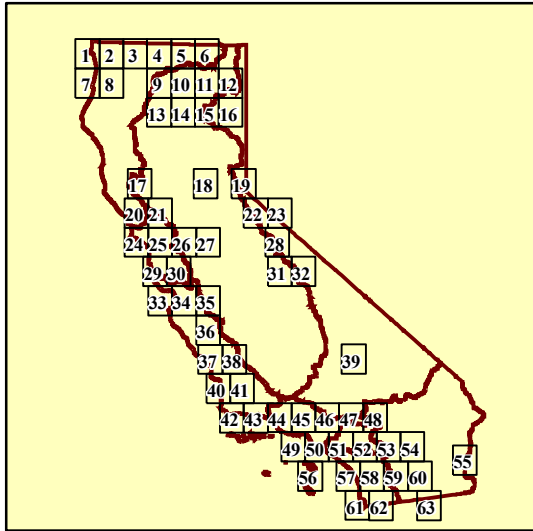
APPENDIX E

Section 303(d) Maps (Impaired Water Bodies)

Map Index



Map information and legend for labels and colors used in maps



Nutrient Pollutants

- Ammonia
- Ammonia as N
- Ammonia (unionized)
- Nutrients
- Nutrients (Algae)
- Nitrogen
- Nitrate and Nitrite
- Nitrate as Nitrate (NO₃)
- Nitrogen, Nitrite
- Nitrogen, Nitrate
- Nitrogen, Ammonia
- Nitrate as Nitrogen
- Nitrite as Nitrogen
- Nitrate
- Nutrient, Algae
- Organic Enrichment/Low Dissolved Oxygen
- Oxygen, Dissolved
- Eutrophic
- Biological Oxygen Demand
- Low Dissolved Oxygen
- Algae

Bacteriological Pollutants

- Pathogens
- Bacteria
- Beach Closures
- Swimming Restrictions
- Fecal Coliform
- Total Coliform
- Total Fecal Coliform
- Coliform Bacteria
- Viruses (Enteric)
- Enterococcus

- 2006 Clean Water Act Section 303(d) List of Water Quality Limited Segments Requiring TMDLs
- 2006 Clean Water Act Section 303(d) List of Water Quality Limited Segments Being Addressed By USEPA Approved TMDLs
- 2006 Clean Water Act Section 303(d) List of Water Quality Limited Segments Being Addressed By Action Other Than TMDLs

- Cities
- 2006 303(d) CWA Water Bodies listed for Nutrient and Bacteriological Impairment (rivers and coastline)
- 2006 303(d) CWA Water Bodies listed for Nutrient and Bacteriological Impairment (lakes, bays, estuaries and wetlands)
- 2006 303(d) CWA Water Bodies listed for Nutrient Impairment (rivers, coastline)
- 2002 303(d) CWA Water Bodies listed for Nutrient Impairment (lakes, bays, estuaries, wetlands)
- 2006 303(d) CWA Water Bodies listed for Bacteriological Impairment (rivers, coastline)
- 2006 303(d) CWA Water Bodies listed for Bacteriological Impairment (lakes, bays, estuaries, wetlands)
- Segments where a TMDL has identified onsite OWTS as contributing to impairment (poly)
- Segments where a TMDL has identified onsite OWTS as contributing to impairment (linear)
- Regional Board Boundaries
- Counties
- Highways

Disclaimer for the 2006 303(d) GIS Files

The 2006 303(d) and Being Addressed Lists GIS files were created for reporting purposes by the SWRCB and RWQCB's. These GIS representations of the areal extent of impaired waters are estimated and should not be considered authoritative for the development of TMDLs or other regulatory actions. The TMDL (Total Maximum Daily Load) effort may ultimately address more or less area. Mapping the 303(d) listed waters is a work in progress and will be updated during each listing cycle to better define the impacted areas.

**Index of 2006 303(d)-Listed Water Bodies in California that May
Be Affected by the Proposed Statewide OWTS Regulations**

Water Body	Map Number
Abalone Cove Beach	50
Agua Hedionda Lagoon	57
Alamitos Bay	50
Alamo Creek	41
Alisal Creek (Salinas)	34
Aliso Canyon Wash	45
Aliso Creek	51
Aliso Creek (mouth)	51
Aptos Creek	30, 33, 34
Aquatic Park Beach	25
Arroyo Burro Creek	43
Arroyo Paredon	43
Arroyo Seco Reach 1	46
Arroyo Seco Reach 2 (Figueroa Street to Riverside Drive)	46
Atascadero Creek, (San Luis Obispo County)	37
Avalon Beach	56
Avena Drain	27
Ballona Creek	50
Ballona Creek Estuary	50
Bell Creek	43, 45
Big Bear Lake	48
Big Meadow Creek	22
Big Rock Beach	49
Blackwood Creek	19
Bluff Cove Beach	50
Bodega HU, Estero Americano HA, Americano Creek	20
Bodega HU, Estero Americano HA, Estuary	20
Bradley Canyon Creek	41
Bradley Channel	40
Bridgeport Reservoir	23, 28
Brown Barranca/Long Canyon	44
Buena Creek	57, 58
Buena Vista Lagoon	57
Buckeye Creek	23, 28
Buck Gully Creek	51
Burbank Western Channel	45, 46
Cabrillo Beach (Outer)	50
Calaveras River, Lower	26, 27
Calleguas Creek Reach 1 (was Mugu Lagoon on 1998 303(d) list)	44
Calleguas Creek Reach 2	44, 49
Calleguas Creek Reach 3	44
Calleguas Creek Reach 4	44, 49
Calleguas Creek Reach 5	44
Calleguas Creek Reach 6	44

Chapter 3.0, "Regulatory Setting," provides a full explanation of these areas as they relate to the proposed project. Exhibits 3-1a through 3-1f provide a graphic overview.

Source: U.S. Environmental Protection Agency 2006.

Note: HU = hydrologic unit; HA = hydrologic area; HAS = hydrologic subarea

**Index of 2006 303(d)-Listed Water Bodies in California that May
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Water Body	Map Number
Calleguas Creek Reach 7	45
Calleguas Creek Reach 9A	44
Calleguas Creek Reach 9B	44
Calleguas Creek Reach 10	44
Calleguas Creek Reach 11	44, 45
Calleguas Creek Reach 12	45
Calleguas Creek Reach 13	45
Campbell Cove	20
Ganada Larga	44
Candlestick Point	25
Canyon Lake (Railroad Canyon Reservoir)	52
Carbon Beach	49
Carbonera Creek	29, 30, 33
Carpinteria Creek	43, 44
Carpinteria Marsh	43
Carpinteria Marsh (El Estero)	43
Carneros Creek	43
Carson River, West Fork, (Headwaters to Woodfords)	22
Carson River, West Fork, (Paynesville to State Line)	22
Carson River, West Fork, (Woodfords to Paynesville)	22
Castlerock Beach	49
Channel Islands Harbor Beach	44
Chicken Ranch Beach	24
China Camp Beach	25
Chino Creek Reach 1	51
Chino Creek Reach 2	51
Cholame Creek	38
Chollas Creek	61
Chorro Creek	37
Chumash Creek	37
Clam Beach	7
Clear Lake	17
Clover Creek	13
Coachella Valley Storm Water Channel	53, 54
Colorado Lagoon	50
Compton Creek	50
Corralitos Creek	30, 34
Coyote Creek	50, 51
Crissy Field Beach	25
Crowley Lake	32
Crystal Lake	46
Cucamonga Creek, Valley Reach	47, 51
Dairy Creek	37
Dana Point Harbor	57

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**Index of 2006 303(d)-Listed Water Bodies in California that May
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Water Body	Map Number
Dan Blocker Memorial (Coral) Beach	49
Delta Waterways, (Stockton Ship Channel)	26
Dockweiler Beach	50
Dominguez Channel	50
Dominguez Channel Estuary	50
Doran Regional Park	20
Dry Canyon Creek	45
Duck Pond Agricultural Drains	44
Duck Pond Agricultural Drains /Mugu Drain/Oxnard Drain No 2	44
Eagle Lake (Lassen County)	15, 16
East Walker River, Above Bridgeport Res.	23, 28
East Walker River, Below Bridgeport Res.	23
Echo Park Lake	46
El Dorado Lakes	50
Elizabeth Lake	45
Elkhorn Slough	34
Escondido Beach	49
Famosa Slough and Channel	61
Five Mile Slough, (Alexandra Place to Fourteen Mile Slough)	26
Flat Rock Point Beach Area	50
Florence Lake	31
Forester Creek	62
Fox Barranca	44
Franklin Creek	43
French Ravine	18
Gabilan Creek	34
Glen Annie Canyon	43
Golden Hinde Beach	24
Goleta Slough/Estuary	43
Grout Creek	48
Guajome Lake	57
Hearts Desire Beach	24
Hermosa Beach	50
Hobie Beach (Channel Islands Harbor)	44
Hodges Lake	58
Huntington Beach State Park	50, 51
Huntington Harbor	50
Huntington Lake	31
Indian Creek, (Alpine County)	22
Inspiration Point Beach	50
Islais Creek	25
Klamath River HU, Butte Valley HA	4, 5, 10
Klamath River HU, Lost River HA, Tule Lake/Mt. Dome HAS	4, 5, 6
Klamath River HU, Lower HA, Klamath Glen HSA	1, 2, 7, 8

Chapter 3.0, "Regulatory Setting," provides a full explanation of these areas as they relate to the proposed project. Exhibits 3-1a through 3-1f provide a graphic overview.

Source: U.S. Environmental Protection Agency 2006.

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**Index of 2006 303(d)-Listed Water Bodies in California that May
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Water Body	Map Number
Klamath River HU, Middle HA, Scott River to Trinity River HSA	2, 3, 8
Klamath River HU, Shasta River HA	3, 4, 9
Knickerbocker Creek	48
La Costa Beach	49
Lagunitas Creek	24
Lake Arrowhead	47
Lake Calabastas	45
Lake Elsinore	52
Lake Fulmor	53
Lake Hughes	45
Lake Lindero	45
Lake Merced	25
Lake Merritt	25
Lake Sherwood	45
Lake Tahoe	19
Lake Thomas A. Edison	31
Las Flores Beach	49
Las Tunas Beach	49
Las Virgenes Creek	45
Lawsons Landing	20
Legg Lake	50
Leo Carillo Beach (South of County Line)	49
Lincoln Park Lake	46, 50
Lindero Creek Reach 1	45
Lindero Creek Reach 2	45
Llagas Creek	30, 34
Loma Alta Slough	57
Lompico Creek	29, 30
Lone Tree Creek	27
Long Beach City Beach	50
Long Point Beach	50
Los Angeles Harbor, Inner Cabrillo Beach Area	50
Los Angeles/Long Beach Inner Harbor	50
Los Angeles River Reach 1	50
Los Angeles River Reach 2	50
Los Angeles River Reach 3	46
Los Angeles River Reach 4	45
Los Angeles River Reach 5	45
Los Angeles River Reach 6	45
Los Cerritos Channel	50
Los Osos Creek	37
Los Trancos Creek (Crystal Cove Creek)	51
Loveland Reservoir	62
Luffenholtz Beach	7

Chapter 3.0, "Regulatory Setting," provides a full explanation of these areas as they relate to the proposed project. Exhibits 3-1a through 3-1f provide a graphic overview.

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**Index of 2006 303(d)-Listed Water Bodies in California that May
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Water Body	Map Number
Lytle Creek	47
Main Street Canal	40
Malaga Cove Beach	50
Malibou Lake	45, 49
Malibu Beach	49
Malibu Creek	45, 49
Malibu Lagoon	49
Malibu Lagoon Beach (Surfrider)	49
Mammoth Pool Reservoir	31
Manhattan Beach	50
Marina del Rey Harbor, Back Basins	50
Marina del Rey Harbor Beach	50
Marina Lagoon (San Mateo County)	29
McCoy Canyon Creek	45
McGrath Beach	44
McGrath Lake	44
McNears Beach	25
Medea Creek Reach 1	45, 49
Medea Creek Reach 2	45
Middle River	26
Mill Creek (Prado Area)	51
Mill Creek Reach 1	48
Mill Creek Reach 2	48
Millerton Point	24
Mint Canyon Creek Reach 1 (Confl. to Rowler Cyn.)	45
Mission Bay (area at mouth of Rose Creek only)	61
Mission Bay (area at mouth of Tecolote Creek only)	61
Mission Bay Shoreline	61
Mission Creek	25, 43
Mojave River	47
Mono Lake	28
Moonstone County Park	7
Mormon Slough, (Commerce Street to Stockton Deep Water Channel)	26, 27
Mormon Slough, (Stockton Diverting Canal to Commerce Street)	27
Moro Cojo Slough	34
Morro Bay	37
Mosher Slough, (downstream of I-5)	26
Mosher Slough, (upstream of I-5)	26, 27
Moss Landing Harbor	34
Mountain Home Creek	48
Mountain Home Creek East Fork	48
Munz Lake	45
Murietta Creek	52
Napa River	20, 21, 25

Chapter 3.0, "Regulatory Setting," provides a full explanation of these areas as they relate to the proposed project. Exhibits 3-1a through 3-1f provide a graphic overview.

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**Index of 2006 303(d)-Listed Water Bodies in California that May
Be Affected by the Proposed Statewide OWTS Regulations**

Water Body	Map Number
Natividad Creek	34
Newport Bay, Lower	51
Newport Bay, Upper	51
New River (Imperial County)	60, 63
Nicholas Canyon Beach	49
Nipomo Creek	40
Oak Run Creek	13
Old River, (San Joaquin River to Delta-Mendota Canal)	26
Old Salinas River Estuary	34
Olema Creek	24
Orcutt Creek	40
Oso Flaco Lake	40
Otay Reservoir Lower	62
Pacific Ocean at Arroyo burro Beach	43
Pacific Ocean at Baker Beach	25
Pacific Ocean at Bolinas Beach	24
Pacific Ocean at Capitola Beach (Santa Cruz County)	33
Pacific Ocean at Carpinteria State Beach (Carpinteria Creek mouth)	43
Pacific Ocean at East Beach (mouth of Mission Creek)	43
Pacific Ocean at East Beach (mouth of Sycamore Creek)	43
Pacific Ocean at Fitzgerald Marine Reserve	29
Pacific Ocean at Gaviota Beach (mouth of Canada de la Gaviota Creek, Santa Barbara County)	42
Pacific Ocean at Goleta Beach	43
Pacific Ocean at Hammonds Beach	43
Pacific Ocean at Haskells Beach	43
Pacific Ocean at Jalama Beach (Santa Barbara County)	42
Pacific Ocean at Leadbetter Beach	43
Pacific Ocean at Muir Beach	24
Pacific Ocean at Ocean Beach, (Santa Barbara County)	40
Pacific Ocean at Pacifica State/Linda Mar Beach	29
Pacific Ocean at Pillar Point Beach	29
Pacific Ocean at Pismo Beach (San Luis Obispo County)	40
Pacific Ocean at Refugio Beach (Santa Barbara County)	42
Pacific Ocean at Point Rincon (mouth of Rincon Cr)	43
Pacific Ocean at Rio Del Mar (Santa Cruz County)	33
Pacific Ocean at Rockaway Beach	29
Pacific Ocean at Venice Beach	29
Pacific Ocean Shoreline, Aliso HAS	51
Pacific Ocean Shoreline, Buena Vista Creek HA	57
Pacific Ocean Shoreline, Dana Point HAS	51
Pacific Ocean Shoreline, Escondido Creek HA	57
Pacific Ocean Shoreline, Laguna Beach HAS	51
Pacific Ocean Shoreline, Loma Alta HA	57

Chapter 3.0, "Regulatory Setting," provides a full explanation of these areas as they relate to the proposed project. Exhibits 3-1a through 3-1f provide a graphic overview.

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**Index of 2006 303(d)-Listed Water Bodies in California that May
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Water Body	Map Number
Pacific Ocean Shoreline, Lower San Juan HSA	57
Pacific Ocean Shoreline, San Clemente HA	57
Pacific Ocean Shoreline, San Diego HU	61
Pacific Ocean Shoreline, San Diequito HU	57
Pacific Ocean Shoreline, San Joaquin Hills HSA	51
Pacific Ocean Shoreline, San Luis Rey HU	57
Pacific Ocean Shoreline, San Marcos HA	57
Pacific Ocean Shoreline, Scripps HA	57, 61
Pacific Ocean Shoreline, Tijuana HU	61
Pajara River	34
Palo Cornado Creek	45
Palo Verde Outfall Drain and Lagoon	55
Palo Verde Shoreline Park Beach	50
Paradise Cove Beach	49
Peck Road Park Lake	46
Peninsula Beach	44
Pennington Creek	37
Petaluma River	20, 24
Petaluma River, (tidal portion)	25
Pine Valley Creek (Upper)	59, 62
Pit River	10, 11, 12
Pleasant Valley Reservoir	32
Point Dume Beach	49
Point Fermin Park Beach	50
Point Vicente Beach	50
Pomponio Creek	29
Portuguese Bend Beach	50
Prado Park Lake	51
Prefumo Creek	40
Promenade Park Beach	44
Puddingstone Reservoir	46
Puerco Beach	49
Quail Creek	34
Rainbow Creek	57, 58
Rathbone (Rathbun) Creek	48
Resort Point Beach	50
Richardson Bay	25
Rincon Beach	43
Rio De Santa Clara/Oxnard Drain No. 3	44
Rio Hondo Reach 1	50
Rio Hondo Reach 2	50
Robert H. Meyer Memorial Beach	49
Robinson Creek, (Hwy 395 to Bridgeport Res.)	23, 28
Robinson Creen, (Twin Lakes to Hwy 395)	28

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**Index of 2006 303(d)-Listed Water Bodies in California that May
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Water Body	Map Number
Royal Palms Beach	50
Russian River HU, Lower Russian River HA, Guerneville HSA	20
Russian River HU, Middle Russian River HA, Laguna De Santa Rosa	20
Russian River HU, Middle Russian River HA, Santa Rosa Creek	20, 21
Salinas Reclamation Canal	34
Salinas River (lower, estuary to near Gonzales Road crossing, watersheds 30910 and 30920)	34
Salinas River Lagoon (North)	34
Salmon Creek Park South	20
Salton Sea	54, 60
San Antonio Creek, (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	40, 41, 44
San Benito River	34, 35, 36
San Bernardo Creek	37
San Buenaventura Beach	44
Sandia Creek	57
San Diego Bay Shoreline, at Bayside Park (J Street)	61
San Diego Bay Shoreline, Shelter Island Shoreline Park	61
San Diego Bay Shoreline, G St. Pier	61
San Diego Bay Shoreline, Vicinity of B St. and Broadway Piers	61
San Diego Creek Reach 1	51
San Diego Creek Reach 2	51
San Diego River (Lower)	61
San Elijo Lagoon	57
San Gabriel River Reach 1	50
San Gabriel River Reach 2	50
San Gregorio Creek	29
San Jose Creek Reach 2	46, 51
San Jose River Reach 1	50
San Juan Creek	51
San Juan Creek (mouth)	51, 57
San Lorenzo Creek	36
San Lorenzo River	29
San Lorenzo River Lagoon	33
San Luis Obispo Creek	40
San Luis Obispo Creek, (below W. Marsh Street)	40
San Luis Reservoir	35
San Luisito Creek	37
San Marcos Lake	58
San Pedro Creek	29
Santa Ana River Reach 3	51
Santa Ana River Reach 4	47, 52
Santa Clara River Estuary	44
Santa Clara River Reach 3	44

Chapter 3.0, "Regulatory Setting," provides a full explanation of these areas as they relate to the proposed project. Exhibits 3-1a through 3-1f provide a graphic overview.

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**Index of 2006 303(d)-Listed Water Bodies in California that May
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Water Body	Map Number
Santa Clara River Reach 5	45
Santa Clara River Reach 6	45
Santa Clara River Reach 7	45
Santa Margarita Lagoon	57
Santa Maria River	40, 41
Santa Monica Beach	50
Santa Monica Canyon	45, 50
Santa Rita Creek (Monterey County)	34
Santa Ynez River (below city of Lompoc to Ocean)	40, 42
San Vicente Creek	29
Sawpit Creek	46
Schwan Lake	33
Seal Beach	50
Sea Level Beach	49
Searles Lake	39
Sepulveda Canyon	50
Shaver Lake	31
Shingle Mill Creek	29, 33
Silverado Creek	51
Silverwood Lake	47
Smith Canal	26
Soda Lake	41
Sonoma Creek	21, 25
Soquel Lagoon	33
South Cow Creek	13, 14
Stege Marsh	25
Stokes Creek	45
Suisun Marsh Wetlands	21, 25, 26
Summit Creek	48
Surfers Point at Seaside	44
Swauger Creek	23
Sweetwater Reservoir	62
Tallac Creek (Below HWY 89)	19
Tecolote Creek	61
Temecula Creek	52, 58
Temple Creek	27
Tembladero Slough	34
Tequisquita Slough	34
Tijuana River	61
Tijuana River Estuary	61
Tomales Bay	24
Topanga Beach	49
Torrance Carson Channel	50
Torrance Beach	50

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**Index of 2006 303(d)-Listed Water Bodies in California that May
Be Affected by the Proposed Statewide OWTS Regulations**

Water Body	Map Number
Torrey Canyon Creek	45
Trancas Beach (Broad Beach)	49
Trinidad State Beach	7
Trout Creek (Above HWY 50)	19, 22
Trout Creek (Below HWY 50)	19
Truckee River Upper (above Christmas Valley	22
Tujunga Wash (LA River to Hansen Dam)	45
Twin Lakes (Owens HU)	31
Valencia Creek	33, 34
Venice Beach	50
Ventura Harbor: Ventura Keys	44
Ventura River Estuary	44
Ventura River Reach 1 and 2	44
Verdugo Wash Reach 1	46
Verdugo Wash Reach 2	46
Walker Creek	20, 24
Walker Slough	26, 27
Walters Creek	37
Ward Creek	19
Warden Creek	37, 40
Watsonville Slough	34
Westlake Lake	45
Wheeler Canyon Todd Barranca	44
Whiskeytown Reservoir, (areas near Oak Bottom, Brandy Creek Campgrounds and Whiskeytown)	13
Will Rogers Beach	49
Wilmington Drain	50
Wolf Creek	18
Zuma Beach (Westward Beach)	49

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