Appendix 4.1 303(d) Listings/TMDL Schedules

Table 7A. Summary Schedule for TMDL Development (by watershed)

TABLE 7A. SUMMARY SCHEDULE FOR TMDL DEVELOPMENT
Assumes these activities are funded to adhere to this schedule

Ventura River Watershed

303(d) Listed Waterbody(Reach)	Pollutant	Type of TMDL	TMDL Start Date - FY (start of monitoring)	TMDL Completion Date - FY (Basin Plan Amendment)	Comments
Ventura River Estuary	DDT	DDT	2001/02	2005/06	Further assessment needed
Ventura River Reach 2 (Main St. to Weldon Canyon)	algae	eutroph.	2000/01	2005/06	nitrogen monitoring
Ventura River Reach 1 (estuary to Main St.)	algae				
Ventura River Estuary	algae, eutroph.				
Ventura River Reach 4 (Coyote Creek to Camino Cielo Rd.)	pumping, water diversions	diversions	2001/02	2005/06	
Ventura River Reach 3 (Weldon Canyon to confl. w/ Coyote Cr.)	pumping, water diversions				
Ventura River Reach 2 (Main St. to Weldon Canyon)	Cu, Zn	metals	2001/02	2005/06	further monitoring
Ventura River Reach 2 (Main St. to Weldon Canyon)	Ag				
Ventura River Reach 1 (estuary to Main St.)	Cu, Zn				
Ventura River Reach 1 (estuary to Main St.)	Ag				
Ventura River Estuary	trash	trash	2001/02	2005/06	
Ventura River Reach 2 (Main St. to Weldon Canyon)	Se	selenium	2001/02	2005/06	

TABLE 7A. SUMMARY SCHEDULE FOR TMDL DEVELOPMENT
Assumes these activities are funded to adhere to this schedule

Miscellaneous Ventura Coastal WMA

303(d) Listed Waterbody(Reach)	Pollutant	Type of TMDL	TMDL Start Date - FY (start of monitoring)	TMDL Completion Date - FY (Basin Plan Amendment)	Comments
Ventura Harbor: Ventura Keys	Coliform	coliform	2001/02	2006/07	
McGrath Lake McGrath Lake	chlordane, DDT, other pesticides sediment	hist. pest. and effects	2001/02	2006/07	
Port Hueneme Harbor	DDT, PCBs	hist. organics	2001/02	2006/07	
Port Hueneme Harbor	PAHs	PAHs	2001/02	2006/07	
McGrath Beach McGrath Beach Mandalay Beach	Coliform beach closures beach closures	coliform and its effects	2000/01	2002/03	
Port Hueneme Harbor	Zn	zinc	2002/03	2004/05	
Channel Islands Harbor	Pb, Zn	metals	2006/07	2010/11	
Port Hueneme Harbor	TBT	TBT	2006/07	2010/11	Further assessment needed TBT levels have likely dropped since last

TABLE 7A. SUMMARY SCHEDULE FOR TMDL DEVELOPMENT
Assumes these activities are funded to adhere to this schedule

Santa Clara River Watershed

303(d) Listed Waterbody(Reach)	Pollutant	Type of TMDL	TMDL Start Date - FY (start of monitoring)	TMDL Completion Date - FY (Basin Plan Amendment)	Comments
Santa Clara River Estuary	ChemA, toxaphene	hist. pest.	2001/02	2006/07	
Santa Clara River Reach 8 (W Pier Hwy 99 to Bouquet Cyn Rd Bridge)	chloride	chloride	1997/98	2001/02	
Santa Clara River Reach 7 (Blue Cut to West Pier Hwy 99)	chloride				
Santa Clara River Reach 3 (Dam to abv Sp. Crk./blw Timber Cyn)	chloride				
Santa Clara River Reach 9 (Bouquet Cyn Rd. to abv Lang Gaging)	coliform	coliform	2001/02	2005/06	
Santa Clara River Reach 8 (W Pier Hwy 99 to Bouquet Cyn Rd Bridge)	coliform				
Santa Clara River Estuary	Coliform				
Santa Clara River Estuary Beach/Surfers Knoll	Coliform				
Wheeler Canyon/Todd Barranca	nitrate + nitrite	nitrogen and its effects	2001/02	2002/03	
Torrey Canyon Creek	nitrate + nitrite				
Brown Barranca/Long Canyon	nitrate + nitrite				
Mint Canyon Creek Reach 1	nitrate + nitrite				
Santa Clara River Reach 8 (W Pier Hwy 99 to Bouquet Cyn Rd Bridge)	NH3, nitrate + nitrite				
Santa Clara River Reach 8 (W Pier Hwy 99 to Bouquet Cyn Rd Bridge)	org. enrichment/l				
Santa Clara River Reach 7 (Blue Cut to West Pier Hwy 99)	NH3, nitrate + nitrite				
Santa Clara River Reach 3 (Dam to abv Sp. Crk./blw Timber Cyn)	NH3				
Elizabeth Lake	Eutroph.	eutroph. and its effects	2002/03	2004/05	
Elizabeth Lake	DO, pH				
Lake Hughes	Eutroph.				
Lake Hughes	fish kills				
Lake Hughes	algae				
Lake Hughes	odors				
Munz Lake	Eutroph.				
Elizabeth Lake	trash	trash	2004/05	2004/05	
Munz Lake	trash				
Lake Hughes	trash				

TABLE 7A. SUMMARY SCHEDULE FOR TMDL DEVELOPMENT
Assumes these activities are funded to adhere to this schedule

Calleguas Creek Watershed

303(d) Listed Waterbody(Reach)	Pollutant	Type of TMDL	TMDL Start Date - FY (start of monitoring)	TMDL Completion Date - FY (Basin Plan Amendment)	Comments
Fox Barranca	nitrate + nitrite	Nitrogen and its effects	1997/98	2001/02	
Arroyo Las Posas Reach 1 (Lewis/Somis Rd. to Fox Barranca)	NH3				
Arroyo Las Posas Reach 1 (Lewis/Somis Rd. to Fox Barranca)	nitrate + nitrite				
Arroyo Las Posas Reach 2 (Fox Barranca to Moorpark Fwy (23))	NH3				
Arroyo Las Posas Reach 2 (Fox Barranca to Moorpark Fwy (23))	nitrate + nitrite				
Arroyo Simi Reach 1 (Moorpark Fwy (23) to Brea Cyn)	NH3				
Calleguas Creek Reach 1 (estuary to 0.5 mi. S. of Broome Rd.)	NH3				
Calleguas Creek Reach 1 (estuary to 0.5 mi. S. of Broome Rd.)	nitrogen				
Calleguas Creek Reach 2(0.5 mi. S. of Broome Rd. to Potrero Rd.)	NH3				
Calleguas Creek Reach 2(0.5 mi. S. of Broome Rd. to Potrero Rd.)	nitrogen				
Calleguas Creek Reach 3 (Potrero to Somis Rd.)	nitrate + nitrite				
Conejo Creek/Arroyo Conejo N. Fork	NH3				
Conejo Creek Reach 1 (confl. Calleguas to Santa Rosa Rd)	NH3				
Conejo Creek Reach 1 (confl. Calleguas to Santa Rosa Rd)	algae				
Conejo Creek Reach 1 (confl. Calleguas to Santa Rosa Rd)	low DO/org. enrichment				
Conejo Creek Reach 2 (Santa Rosa Rd. to Tho. Oaks city limit)	NH3				
Conejo Creek Reach 2 (Santa Rosa Rd. to Tho. Oaks city limit)	algae				
Conejo Creek Reach 2 (Santa Rosa Rd. to Tho. Oaks city limit)	low DO/org. enrichment				
Conejo Creek Reach 3 (Tho. Oaks city limit to Lynn Rd.)	NH3				
Conejo Creek Reach 3 (Tho. Oaks city limit to Lynn Rd.)	algae				
Conejo Creek Reach 4 (above Lynn Rd.)	NH3				
Conejo Creek Reach 4 (above Lynn Rd.)	algae				
Conejo Creek Reach 4 (above Lynn Rd.)	Low DO/org. enrichment				
Revolon Slough Main Branch (Mugu Lagoon to Central Ave.)	nitrogen				
Revolon Slough Main Branch (Mugu Lagoon to Central Ave.)	algae				
Beardsley Channel (above Central Ave.)	nitrogen				
Beardsley Channel (above Central Ave.)	algae				
Mugu Lagoon	nitrogen				
Duck pond agric. drain/Mugu Drain/Oxnard Drain #2	nitrogen				

TABLE 7A. SUMMARY SCHEDULE FOR TMDL DEVELOPMENT
Assumes these activities are funded to adhere to this schedule

Calleguas Creek Watershed

303(d) Listed Waterbody(Reach)	Pollutant	Type of TMDL	TMDL Start Date - FY (start of monitoring)	TMDL Completion Date - FY (Basin Plan Amendment)	Comments
Conejo Creek Reach 1 (confl. Calleguas to Santa Rosa Rd)	toxicity	water-soluble pest. and effects	1997/98	2003/04	
Conejo Creek Reach 2 (Santa Rosa Rd. to Tho. Oaks city limit)	toxicity				
Conejo Creek Reach 3 (Tho. Oaks city limit to Lynn Rd.)	toxicity				
Conejo Creek Reach 4 (above Lynn Rd.)	toxicity				
Calleguas Creek Reach 1 (estuary to 0.5 mi. S. of Broome Rd.)	toxicity				
Calleguas Creek Reach 2(0.5 mi. S. of Broome Rd. to Potrero Rd.)	toxicity				
Duck pond agric. drain/Mugu Drain/Oxnard Drain #2	toxicity				
Revolon Slough Main Branch (Mugu Lagoon to Central Ave.)	toxicity				
Revolon Slough Main Branch (Mugu Lagoon to Central Ave.)	chlorpyrifos				
Beardsley Channel (above Central Ave.)	toxicity				
Beardsley Channel (above Central Ave.)	chlorpyrifos				
Fox Barranca	Boron, sulfate, TDS	salts	1997/98	2003/04	
Tapo Canyon Reach 1	Boron, chloride, sulfate, TDS				
Arroyo Simi Reach 1 (Moorpark Fwy (23) to Brea Cyn)	Boron, chloride, sulfate, TDS			(2001/02 for chlorides)	
Arroyo Simi Reach 2 (above Brea Canyon)	Boron, sulfate, TDS				
Arroyo Las Posas Reach 2 (Fox Barranca to Moorpark Fwy (23))	chloride, sulfate, TDS				
Arroyo Las Posas Reach 1 (Lewis/Somis Rd. to Fox Barranca)	chloride, sulfate, TDS				
Calleguas Creek Reach 3 (Potrero to Somis Rd.)	chloride, TDS				
Conejo Creek/Arroyo Conejo N. Fork	sulfate, TDS				
Conejo Creek Reach 1 (confl. Calleguas to Santa Rosa Rd)	sulfate, TDS				
Conejo Creek Reach 2 (Santa Rosa Rd. to Tho. Oaks city limit)	chloride, sulfate, TDS				
Conejo Creek Reach 3 (Tho. Oaks city limit to Lynn Rd.)	sulfate, TDS				
Conejo Creek Reach 4 (above Lynn Rd.)	chloride, sulfate, TDS				

TABLE 7A. SUMMARY SCHEDULE FOR TMDL DEVELOPMENT
Assumes these activities are funded to adhere to this schedule

Calleguas Creek Watershed

303(d) Listed Waterbody(Reach)	Pollutant	Type of TMDL	TMDL Start Date - FY (start of monitoring)	TMDL Completion Date - FY (Basin Plan Amendment)	Comments
Arroyo Las Posas Reach 1 (Lewis/Somis Rd. to Fox Barranca)	DDT	historic pest. and effects	1997/98	2004/05	
Arroyo Las Posas Reach 2 (Fox Barranca to Moorpark Fwy (23))	DDT	and vehicle of transport			
Conejo Creek/Arroyo Conejo N. Fork	chlordane, DDT				
Conejo Creek Reach 1 (confl. Calleguas to Santa Rosa Rd)	ChemA, dacthal, DDT, endosulfan, toxaphene				
Conejo Creek Reach 2 (Santa Rosa Rd. to Tho. Oaks city limit)	ChemA, dacthal, DDT, endosulfan, toxaphene				
Conejo Creek Reach 3 (Tho. Oaks city limit to Lynn Rd.)	ChemA, dacthal, DDT, endosulfan, toxaphene				
Conejo Creek Reach 4 (above Lynn Rd.)	ChemA, dacthal, DDT, endosulfan, toxaphene				
Calleguas Creek Reach 1 (estuary to 0.5 mi. S. of Broome Rd.)	sediment toxicity				
Calleguas Creek Reach 1 (estuary to 0.5 mi. S of Broome Rd.)	ChemA, chlordane, DDT, endosulfan, toxaphene				
Calleguas Creek Reach 2(0.5 mi. S. of Broome Rd. to Potrero Rd.)	sediment toxicity				
Calleguas Creek Reach 2 (0.5 mi. S of Broome Rd. to Potrero Rd.)	ChemA, chlordane, dacthal, DDT, endosulfan, toxaphene				
Duck pond agric. drain/Mugu Drain/Oxnard Drain #2	ChemA, DDT, chlordane, toxaphene				
Revolon Slough Main Branch (Mugu Lagoon to Central Ave.)	ChemA, chlordane, dacthal, DDT, dieldrin, endosulfan, toxaphene				
Beardsley Channel (above Central Ave.)	ChemA, chlordane, dacthal, DDT, dieldrin, endosulfan, toxaphene				
Mugu Lagoon	siltation				

TABLE 7A. SUMMARY SCHEDULE FOR TMDL DEVELOPMENT
Assumes these activities are funded to adhere to this schedule

Calleguas Creek Watershed

303(d) Listed Waterbody(Reach)	Pollutant	Type of TMDL	TMDL Start Date – FY (start of Monitoring)	TMDL Completion Date - FY (Basin Plan Amendment)	Comments
Mugu Lagoon	Sediment toxicity	historic pest. and effects and vehicle of transport (cont'd)			
Duck pond agric. drain/Mugu Drain/Oxnard Drain #2	sediment toxicity				
Mugu Lagoon	Chlordane, dacthal, DDT, endosulfan, toxaphene				
Arroyo Simi Reach 1 (Moorpark Fwy (23) to Brea Cyn)	Cr, Ni, Ag, Zn	metals	2002/03	2005/06	
Conejo Creek Reach 3 (Tho. Oaks city limit to Lynn Rd.)	Cd, Cr, Ni, Ag				
Conejo Creek Reach 2 (Santa Rosa Rd. to Tho. Oaks city limit)	Cd, Cr, Ni, Ag				
Conejo Creek Reach 1 (confl. Calleguas to Santa Rosa Rd)	Cd, Cr, Ni, Ag				
Calleguas Creek Reach 1 (estuary to 0.5 mi. S of Broome Rd.)	PCBs	PCBs	2001/02	2004/05	
Calleguas Creek Reach 2 (0.5 mi. S of Broome Rd. to Potrero Rd.)	PCBs				
Revolon Slough Main Branch (Mugu Lagoon to Central Ave.)	PCBs				
Beardsley Channel (above Central Ave.)	PCBs				
Mugu Lagoon	PCBs				
Rio de Santa Clara/Oxnard Drain #3	PCBs	sed.-bound organics And effects	2005/06	2008/09	
Rio de Santa Clara/Oxnard Drain #3	ChemA, chlordane, DDT, toxaphene				
Rio de Santa Clara/Oxnard Drain #3	sediment toxicity				
Mugu Lagoon	Hg	mercury	2005/06	2008/09	
Mugu Lagoon	Cu, Ni, Zn	other metals	2005/06	2008/09	
Revolon Slough Main Branch (Mugu Lagoon to Central Ave.)	trash	trash	2005/06	2008/09	
Beardsley Channel (above Central Ave.)	trash				
Rio de Santa Clara/Oxnard Drain #3	nitrogen	nitrogen	2005/06	2008/09	
Arroyo Simi Reach 1 (Moorpark Fwy (23) to Brea Cyn)	Se	selenium	2005/06	2008/09	
Revolon Slough Main Branch (Mugu Lagoon to Central Ave.)	Se				

TABLE 7A. SUMMARY SCHEDULE FOR TMDL DEVELOPMENT
Assumes these activities are funded to adhere to this schedule

Dominguez Channel and Los Angeles/Long Beach Harbor WMA

303(d) Listed Waterbody(Reach)	Pollutant	Type of TMDL	TMDL Start Date - FY (start of monitoring)	TMDL Completion Date - FY (Basin Plan Amendment)	Comments
Dominguez Channel Estuary (to Vermont)	benthic comm. effects	PCBs, DDT, other hist. Pest. and their effects	2004/05	2007/08	
Dominguez Channel Estuary (to Vermont)	ChemA, chlordane, DDT, PCBs				
Dominguez Channel Estuary (to Vermont)	aldrin, dieldrin				
Dominguez Channel (above Vermont)	ChemA, chlordane, DDT, PCBs				
Dominguez Channel (above Vermont)	aldrin, dieldrin				
Los Angeles Harbor: Consolidated Slip	benthic comm. effects				
Los Angeles Harbor: Consolidated Slip	DDT, PCBs				
Los Angeles Harbor: Consolidated Slip	chlordane				
Los Angeles Harbor (part. Main Ch., Fish Hbr, Cabrillo Pier, and breakwater)	DDT, PCBs				
Los Angeles Harbor: Southwest Slip	DDT, PCBs				
Los Angeles Harbor: Southwest Slip	sediment toxicity				
San Pedro Bay nearshore and offshore zone: Cabrillo Pier area	DDT, PCBs				
San Pedro Bay nearshore and offshore zone: Cabrillo Pier area	sediment toxicity				
Cabrillo Beach (Inner)	DDT, PCBs				
Long Beach Harbor, part. Main Ch., SE Basin, West Basin, Pier J, and breakwater	benthic comm. effects				
Long Beach Harbor, part. Main Ch., SE Basin, West Basin, Pier J, and breakwater	DDT, PCBs				
Long Beach Harbor, part. Main Ch., SE Basin, West Basin, Pier J, and breakwater	sediment toxicity				
Machado Lake (Harbor Lake)	ChemA, chlordane, DDT, PCBs				
Dominguez Channel (above Vermont)	PAHs	PAHs	2004/05	2007/08	
Dominguez Channel Estuary (to Vermont)	PAHs				
Los Angeles Harbor: Consolidated Slip	PAHs				
Los Angeles Harbor (part. Main Ch., Fish Hbr, Cabrillo Pier, and breakwater)	PAHs				
Long Beach Harbor, part. Main Ch., SE Basin, West Basin, Pier J, and breakwater	PAHs				
San Pedro Bay nearshore and offshore zone: Cabrillo Pier area	PAHs				
Los Angeles Harbor (part. Main Ch., Fish Hbr, Cabrillo Pier, and breakwater)	beach closure	Effects of coliform	2000/01	2002/03	Further Assessment Needed
Cabrillo Beach (Inner)	beach closures				

TABLE 7A. SUMMARY SCHEDULE FOR TMDL DEVELOPMENT
Assumes these activities are funded to adhere to this schedule

Dominguez Channel and Los Angeles/Long Beach Harbor WMA

303(d) Listed Waterbody(Reach)	Pollutant	Type of TMDL	TMDL Start Date - FY (start of monitoring)	TMDL Completion Date - FY (Basin Plan Amendment)	Comments
Torrance Carson Channel	Cu, Pb	Metals	2003/04	2006/07	
Wilmington Drain	Cu, Pb				
Dominguez Channel (above Vermont)	Cu, Pb				
Dominguez Channel (above Vermont)	Cr				
Dominguez Channel (above Vermont)	Zn				
Dominguez Channel Estuary (to Vermont)	Cu, Pb				
Dominguez Channel Estuary (to Vermont)	Cr				
Dominguez Channel Estuary (to Vermont)	Zn				
Los Angeles Harbor: Consolidated Slip	Pb				
Los Angeles Harbor: Consolidated Slip	Cr, Zn				
Machado Lake (Harbor Lake)	algae, eutroph.	nitrogen and its effects	2006/07	2010/11	
Machado Lake (Harbor Lake)	NH3				
Machado Lake (Harbor Lake)	odors				
Wilmington Drain	NH3	ammonia	2005/06	2007/08	
Dominguez Channel (above Vermont)	NH3				
Dominguez Channel Estuary (to Vermont)	NH3				
San Pedro Bay nearshore and offshore zone: Cabrillo Pier area	Zn, Cu, Cr	metals	2006/07	2010/11	
Los Angeles Harbor: Consolidated Slip	TBT	TBT	2006/07	2010/11	Further assessment
Los Angeles Harbor (part. Main Ch., Fish Hbr, Cabrillo Pier, and breakwater)	TBT				
Dominguez Channel (above Vermont)	coliform	coliform	2000/01	2002/03	
Dominguez Channel Estuary (to Vermont)	coliform				
Torrance Carson Channel	coliform				
Wilmington Drain	coliform				
Machado Lake (Harbor Lake)	trash	trash	2006/07	2007/08	

TABLE 7A. SUMMARY SCHEDULE FOR TMDL DEVELOPMENT
Assumes these activities are funded to adhere to this schedule

Santa Monica Bay WMA

303(d) Listed Waterbody(Reach)	Pollutant	Type of TMDL	TMDL Start Date - FY (start of monitoring)	TMDL Completion Date - FY (Basin Plan Amendment)	Comments
Marina del Rey Harbor Beach	beach closures	coliform and its effect	1998/99	2003/04	
Marina del Rey Harbor Beach	coliform				
Marine del Rey Harbor - Back Basins	coliform				
Medea Creek Reach 2 (abv. confl. with Lindero)	coliform	coliform and its effect	1998/99	2001/02	
Medea Creek Reach 1 (lake to confl. with Lindero)	coliform				
Las Virgenes Creek	coliform				
Malibu Lagoon	swimming restrictions				
Malibu Lagoon	shellfish harvesting ad.				
Malibu Creek: lagoon to Malibu Lake	coliform				
Stokes Creek	Coliform				
Lindero Creek Reach 1	coliform				
Lindero Creek Reach 2 (above lake)	coliform				
Palo Comado	Coliform				
Malibu Beach	beach closures	coliform and its effect	1998/99	2001/02	
Malibu Lagoon Beach (Surfrider)	coliform				
Dockweiler Beach	beach closures				
Dockweiler Beach	coliform				
Redondo Beach	beach closures				
Redondo Beach	coliform				
Santa Monica Beach	beach closures				
Santa Monica Beach	coliform				
Paradise Cove Beach	beach closures				
Paradise Cove Beach	coliform				
Topanga Beach	beach closures				
Topanga Beach	coliform				
Las Flores Beach	coliform				
Torrance Beach	beach closures				
Torrance Beach	coliform				
Trancas Beach (Broad Beach)	beach closures				
Trancas Beach (Broad Beach)	coliform				
Will Rogers Beach	beach closures				
Will Rogers Beach	coliform				
Big Rock Beach	coliform				
Cabrillo Beach (Outer)	beach closures				
Cabrillo Beach (Outer)	coliform				
Venice Beach	beach closures				
Venice Beach	coliform				
Dan Blocker Memorial Beach	coliform				
Leo Carillo Beach (south of County line)	Beach closures				
Leo Carillo Beach (south of County line)	coliform				
Long Point Beach	coliform				
Big Rock Beach	beach closures				

TABLE 7A. SUMMARY SCHEDULE FOR TMDL DEVELOPMENT
Assumes these activities are funded to adhere to this schedule

Santa Monica Bay WMA

303(d) Listed Waterbody(Reach)	Pollutant	Type of TMDL	TMDL Start Date - FY (start of monitoring)	TMDL Completion Date - FY (Basin Plan Amendment)	Comments
Whites Point Beach	beach closures	coliform and its effect (cont'd)			
Point Dume Beach	beach closures				
Las Tunas Beach	beach closures				
Point Vicente Beach	beach closures				
Malaga Cove Beach	beach closures				
Lunada Bay Beach	beach closures				
Zuma (Westward Beach)	beach closures				
Point Fermin Park Beach	beach closures				
Puerco Beach	beach closures				
Portugese Bend Beach	beach closures				
Royal Palms Beach	beach closures				
Sea Level Beach	beach closures				
Rocky Point Beach	beach closures				
Resort Point Beach	beach closures				
Robert H. Meyer Memorial Beach	beach closures				
Abalone Cove Beach	beach closures				
Flat Rock Point Beach Area	beach closures				
Escondido Beach	beach closures				
Carbon Beach	beach closures				
Castlerock Beach	beach closures				
La Costa Beach	beach closures				
Bluff Cove Beach	beach closures				
Inspiration Point Beach	beach closures				
Nicholas Canyon Beach	Beach closures				
Palos Verdes Shoreline Point Beach	pathogens				
Santa Monica Canyon	coliform				
Ashland Avenue Drain	coliform				
Sepulveda Canyon	coliform				
Ballona Creek Estuary	coliform	coliform and its effect	1998/99	2003/04	
Ballona Creek Estuary	shellfish harvesting adv.				

TABLE 7A. SUMMARY SCHEDULE FOR TMDL DEVELOPMENT
Assumes these activities are funded to adhere to this schedule

Santa Monica Bay WMA

303(d) Listed Waterbody(Reach)	Pollutant	Type of TMDL	TMDL Start Date - FY (start of monitoring)	TMDL Completion Date - FY (Basin Plan Amendment)	Comments
Malibu Lagoon	eutroph.	nutrients and their effect	1998/99	2001/02	
Malibu Creek: Lagoon to Malibu Lake	nutrients (algae)				
Malibu Creek: lagoon to Malibu Lake	unnatural scum/foam				
Las Virgenes Creek	nutrients (algae)				
Las Virgenes Creek	unnatural scum/foam				
Las Virgenes Creek	low DO, org. enrichment				
Lindero Creek Reach 2 (above lake)	unnatural scum/foam				
Lindero Creek Reach 2 (above lake)	algae				
Lindero Creek Reach 1	unnatural scum/foam				
Lindero Creek Reach 1	algae				
Medea Creek Reach 2 (abv. confl. with Lindero)	algae				
Medea Creek Reach 1 (lake to confl. with Lindero)	algae				
Malibou Lake	algae, eutroph.				
Malibou Lake	low DO, org. enrichment				
Lake Lindero	eutroph., algae				
Lake Lindero	odors				
Westlake Lake	NH3				
Westlake Lake	eutroph., algae				
Westlake Lake	low DO, org. enrichment				
Lake Sherwood	NH3				
Lake Sherwood	Eutroph., algae				
Lake Sherwood	low DO, org. enrichment				
Lake Calabasas	NH3				
Lake Calabasas	Eutroph.				
Lake Calabasas	Low DO, org. enrichment				
Lake Calabasas	pH				
Ballona Wetland	trash	trash	1998/99	2001/02	
Ballona Creek	trash				
Santa Monica Bay Nearshore and Offshore Zone	Hg	metals	2000/01	2004/05	
Santa Monica Bay Nearshore and Offshore Zone	Cd, Cu, Pb, Ni, Ag, Zn				
Santa Monica Bay Nearshore and Offshore Zone	chlordane	chlordane	2004/05	2005/06	
Santa Monica Bay Nearshore amd Offshore Zone	DDT, PCBs	pest. and hist. PCBs, and effects	2005/06	2009/10	
Santa Monica Bay Nearshore and Offshore Zone	sediment toxicity				
Santa Monica Bay Nearshore and Offshore Zone	fish consumption advisory				
Nicholas Canyon Beach	DDT, PCBs				
Paradise Cove Beach	DDT, PCBs				
Robert H. Meyer Memorial Beach	DDT, PCBs				
Point Dume Beach	DDT, PCBs				
Sea Level Beach	DDT, PCBs				

TABLE 7A. SUMMARY SCHEDULE FOR TMDL DEVELOPMENT
Assumes these activities are funded to adhere to this schedule

Santa Monica Bay WMA

303(d) Listed Waterbody(Reach)	Pollutant	Type of TMDL	TMDL Start Date - FY (start of monitoring)	TMDL Completion Date - FY (Basin Plan Amendment)	Comments
Whites Point Beach	DDT. PCBs	hist. PCBs. pest. and Effects (cont'd)			
Trancas Beach (Broad Beach)	DDT, PCBs				
Topanga Beach	DDT, PCBs				
Royal Palms Beach	DDT, PCBs				
Point Fermin Park Beach	DDT, PCBs				
Redondo Beach	DDT, PCBs				
Puerco Beach	DDT, PCBs				
Portugese Bend Beach	DDT, PCBs				
Amarillo Beach	DDT, PCBs				
Zuma (Westward Beach)	DDT, PCBs				
Malibu Lagoon Beach (Surfrider)	DDT, PCBs				
La Costa Beach	DDT, PCBs				
Big Rock Beach	DDT, PCBs				
Bluff Cove Beach	DDT, PCBs				
Cabrillo Beach (Outer)	DDT, PCBs				
Carbon Beach	DDT, PCBs				
Castlerock Beach	DDT, PCBs				
Escondido Beach	DDT, PCBs				
Flat Rock Point Beach Area	DDT, PCBs				
Inspiration Point Beach	DDT, PCBs				
Las Tunas Beach	DDT, PCBs				
Abalone Cove Beach	DDT, PCBs				
Malaga Cove Beach	DDT, PCBs				
Las Flores Beach	DDT, PCBs				
Long Point Beach	DDT, PCBs				
Malibu Beach	DDT				
Palos Verdes Shoreline Point Beach	pesticides				
Marina del Rey Harbor - Back Basins	DDT, PCBs, chlordane	hist. PCBs, pest. and effects	2001/02	2003/04	
Marina del Rey Harbor - Back Basins	dieldrin				
Marina del Rey Harbor - Back Basins	benthic comm. effects				
Marina del Rey Harbor - Back Basins	fish consumption advisory				
Ballona Creek	PCBs, DDT, ChemA, chlordane, dieldrin	hist. PCBs, pest. and effects	2001/02	2004/05	
Ballona Creek	sediment toxicity				
Ballona Creek Estuary	PCBs, DDT, chlordane				
Ballona Creek Estuary	sediment toxicity				
Sepulveda Canyon	NH3	ammonia	2006/07	2009/10	
Pico Kenter Drain	NH3				
Marina del Rey Harbor - Back Basins	Pb	metals	2001/02	2004/05	
Marina del Rey Harbor - Back Basins	Cu, Zn				
Topanga Cyn Creek	Pb	metals and their effects	2004/05	2006/07	
Sepulveda Canyon	Pb				
Pico Kenter Drain	Pb				
Pico Kenter Drain	Cu				
Pico Kenter Drain	toxicity				
Santa Monica Canyon	Pb				

TABLE 7A. SUMMARY SCHEDULE FOR TMDL DEVELOPMENT
Assumes these activities are funded to adhere to this schedule

Santa Monica Bay WMA

303(d) Listed Waterbody(Reach)	Pollutant	Type of TMDL	TMDL Start Date - FY (start of monitoring)	TMDL Completion Date - FY (Basin Plan Amendment)	Comments
Ballona Creek	Pb, Ag	metals and their effects	2000/01	2003/04	
Ballona Creek	As, Cu, Cd				
Ballona Creek	toxicity				
Ballona Creek Estuary	Pb, Zn				
Ballona Wetland	As				
Westlake Lake	chlordane	hist. pest.	2006/07	2009/10	
Malibou Lake	chlordane, PCBs				
Lake Calabasas	DDT				
Ashland Avenue Drain	low DO, org. enrichment	DO	2006/07	2008/09	Drain is diverted during dry weather flow
Medea Creek Reach 2 (abv. confl. with Lindero)	trash	trash	2005/06	2006/07	
Medea Creek Reach 1 (lake to confl. with Lindero)	trash				
Lake Lindero	trash				
Lindero Creek Reach 2 (above lake)	trash				
Lindero Creek Reach 1	trash				
Malibu Creek: lagoon to Malibu Lake	trash				
Las Virgenes Creek	trash				
Pico Kenter Drain	trash	trash	2008/09	2009/10	
Ballona Wetland	exotic vegetation	unknown	2006/07	2009/10	
Ballona Wetland	habitat alteration, hydromodi-fication, reduced tidal flushing				
Santa Monica Bay Nearshore and Offshore Zone	debris	debris	2006/07	2009/10	
Lake Lindero	chloride, spec. cond.	chloride	2006/07	2009/10	
Westlake Lake	Pb	metals	2005/06	2007/08	
Westlake Lake	Cu				
Malibou Lake	Cu				
Lake Sherwood	Hg				
Lake Calabasas	Zn				
Lake Calabasas	Cu				
Lake Lindero	Se				
Triunfo Cyn Creek Reach 1	Pb, Hg				
Triunfo Cyn Creek Reach 2	Pb, Hg				
Medea Creek Reach 2 (abv. confl. with Lindero)	Se				
Medea Creek Reach 1 (lake to confl. with Lindero)	Se				
Las Virgenes Creek	Se				
Lindero Creek Reach 2 (above lake)	Se				
Lindero Creek Reach 1	Se				
Ashland Avenue Drain	toxicity	N/A	2006/07	2009/10	Cause of toxicity needs to be determined. Drain is diverted during dry weather flow.
Ballona Creek	TBT	TBT	2006/07	2009/10	TBT levels have likely dropped since last sampling.
Marina del Rey Harbor - Back Basins	TBT				
Malibu Lagoon	benthic comm. effects	N/A	2006/07	2009/10	Cause needs to be determined

TABLE 7A. SUMMARY SCHEDULE FOR TMDL DEVELOPMENT
Assumes these activities are funded to adhere to this schedule

Los Angeles River Watershed

303(d) Listed Waterbody (Reach)	Pollutant	Type of TMDL	TMDL Start Date - FY (start of monitoring)	TMDL Completion Date - FY (Basin Plan amendment)	Comments
Sepulveda Channel/Canyon	NH3	nitrogen and related effects	1999/00	2001/02	
Tujunga Wash (d/s Hansen Dam to Los Angeles River)	NH3				
Tujunga Wash (d/s Hansen Dam to Los Angeles River)	scum, odors				
Los Angeles River Reach 5 (within Sepulveda Basin)	NH3				
Los Angeles River Reach 5 (within Sepulveda Basin)	scum, odors				
Los Angeles River Reach 4 (Sepulveda Dam to Riverside Dr.)	NH3				
Los Angeles River Reach 4 (Sepulveda Dam to Riverside Dr.)	scum, odors				
Los Angeles River Reach 3 (Riverside Dr. to Figueroa St.)	NH3				
Los Angeles River Reach 3 (Riverside Dr. to Figueroa St.)	odors, scum				
Los Angeles River Reach 2 (Figueroa St. to u/s Carson St.)	NH3				
Los Angeles River Reach 2 (Figueroa St. to u/s Carson St.)	odors, scum				
Los Angeles River Reach 1(u/s Carson St. to estuary)	NH3				
Los Angeles River Reach 1(u/s Carson St. to estuary)	pH				
Los Angeles River Reach 1(u/s Carson St. to estuary)	scum				
Burbank Western Channel	NH3				
Burbank Western Channel	Algae				
Verdugo Wash (Reaches 1 & 2)	algae				
Arroyo Seco Rch 1 (d/s Devil's Gate Dam) & Rch 2 (W. Holly Ave. to Devil's Gate)	algae				
Rio Hondo Reach 1 (Santa Ana Fwy to Los Angeles River)	NH3				
Rio Hondo Reach 1 (Santa Ana Fwy to Los Angeles River)	pH				
Rio Hondo Reach 2 (from Whittier Narrows Flood Control Basin to Spreading Grounds)	NH3				
Compton Creek	pH				
Tujunga Wash (d/s Hansen Dam to Los Angeles River)	coliform	coliform	1999/00	2001/02	
Los Angeles River Reach 6 (u/s of Sepulveda Basin)	coliform				
Los Angeles River Reach 4 (Sepulveda Dam to Riverside Dr.)	coliform				
Los Angeles River Reach 2 (Figueroa St. to u/s Carson St.)	coliform				
Los Angeles River Reach 1(u/s Carson St. to estuary)	coliform				
Verdugo Wash (Reaches 1 & 2)	Coliform				
Arroyo Seco Rch 1 (d/s Devil's Gate Dam) & Rch 2 (W. Holly Ave. to Devil's Gate)	Coliform				
Rio Hondo Reach 1 (Santa Ana Fwy to Los Angeles River)	coliform				
Rio Hondo Reach 2 (from Whittier Narrows Flood Control Basin to Spreading Grounds)	coliform				
Compton Creek	coliform				

TABLE 7A. SUMMARY SCHEDULE FOR TMDL DEVELOPMENT
Assumes these activities are funded to adhere to this schedule

Los Angeles River Watershed

303(d) Listed Waterbody (Reach)	Pollutant	Type of TMDL	TMDL Start Date - FY (start of monitoring)	TMDL Completion Date - FY (Basin Plan amendment)	Comments
Tujunga Wash (d/s Hansen Dam to Los Angeles River)	trash	trash	1999/00	2001/02	
Los Angeles River Reach 5 (within Sepulveda Basin)	trash				
Los Angeles River Reach 4 (Sepulveda Dam to Riverside Dr.)	trash				
Los Angeles River Reach 3 (Riverside Dr. to Figueroa St.)	trash				
Los Angeles River Reach 2 (Figueroa St. to u/s Carson St.)	trash				
Los Angeles River Reach 1(u/s Carson St. to estuary)	trash				
Burbank Western Channel	trash				
Verdugo Wash (Reaches 1 & 2)	trash				
Arroyo Seco Reach 1 (d/s Devil's Gate Dam) & Reach 2 (W. Holly Ave. to Devil's Gate)	trash				
Rio Hondo Reach 1 (Santa Ana Fwy to Los Angeles River)	trash				
Tujunga Wash (d/s Hansen Dam to Los Angeles River)	Cu	metals	2000/01	2003/04	
Compton Creek	Cu, Pb				
Burbank Western Channel	Cd				
Los Angeles River Reach 1(u/s Carson St. to estuary)	Pb				
Los Angeles River Reach 2 (Figueroa St. to u/s Carson St.)	Pb				
Los Angeles River Reach 4 (Sepulveda Dam to Riverside Dr.)	Pb				
Rio Hondo Reach 1 (Santa Ana Fwy to Los Angeles River)	Cu, Zn				
Monrovia Cyn Creek	Pb				
Aliso Canyon Wash	Se				
Peck Rd Lake	trash	trash	2008/09	2010/11	
Echo Park Lake	trash				
Lincoln Park Lake	trash				
Los Angeles River Reach 5 (within Sepulveda Basin)	chlorpyrifos	pesticide	2007/08	2010/11	
Peck Rd Lake	low DO, org. enrichment	nitrogen and its effects	2007/08	2010/11	
Peck Rd Lake	odors				
Lincoln Park Lake	NH3				
Lincoln Park Lake	Low DO				
Lincoln Park Lake	Eutroph.				
Lincoln Park Lake	odors				
Echo Park Lake	pH				
Echo Park Lake	Eutroph., NH3, algae				
Echo Park Lake	odors				

TABLE 7A. SUMMARY SCHEDULE FOR TMDL DEVELOPMENT
Assumes these activities are funded to adhere to this schedule

Los Angeles River Watershed

303(d) Listed Waterbody (Reach)	Pollutant	Type of TMDL	TMDL Start Date - FY (start of monitoring)	TMDL Completion Date - FY (Basin Plan amendment)	Comments
Los Angeles River Reach 5 (within Sepulveda Basin)	ChemA	historic pest.	2002/03	2005/06	
Echo Park Lake	PCBs	PCBs and historic pest.	2007/08	2010/11	
Peck Rd Lake	DDT, chlordane				
Peck Rd Lake	Pb	metals	2007/08	2010/11	
Lincoln Park Lake	Pb				
Echo Park Lake	Cu, Pb				
Los Angeles River Reach 5 (within Sepulveda Basin)	oil	oil	2007/08	2010/11	Further assessment needed
Los Angeles River Reach 2 (Figueroa St. to u/s Carson St.)	oil				
Los Angeles River Reach 6 (u/s of Sepulveda Basin)	Volatile organics	VOCs	2007/08	2010/11	

TABLE 7A. SUMMARY SCHEDULE FOR TMDL DEVELOPMENT
Assumes these activities are funded to adhere to this schedule

San Gabriel River Watershed

303(d) Listed Waterbody(Reach)	Pollutant	Type of TMDL	TMDL Start Date - FY (start of monitoring)	TMDL Completion Date - FY (Basin Plan Amendment)	Comments
San Gabriel River Reach 3 (Whittier Narrows to Ramona)	toxicity	nitrogen and its effects	1999/00	2004/05	
San Gabriel River Reach 2 (Firestone to Whittier Narrows Dam)	NH3				
San Gabriel River Reach 1 (Estuary to Firestone)	NH3				
San Gabriel River Reach 1 (Estuary to Firestone)	algae				
San Gabriel River Reach 1 (Estuary to Firestone)	toxicity				
San Jose Creek Reach 2 (Temple to I-10 at White Ave.)	NH3				
San Jose Creek Reach 2 (Temple to I-10 at White Ave.)	algae				
San Jose Creek Reach 1 (SG confluence to Temple St.)	NH3				
San Jose Creek Reach 1 (SG confluence to Temple St.)	algae				
Coyote Creek	NH3				
Coyote Creek	algae				
Coyote Creek	toxicity				
Walnut Creek	toxicity				
Walnut Creek	pH				
San Gabriel River East Fork	trash	trash	1998/99	1999/00	Completed
Legg Lake	trash	trash	2000/01	2008/09	
Puddingstone Reservoir	DDT, PCBs, chlordane	PCBs & pest.	2000/01	2005/06	
El Dorado Lakes	Hg	metals	2000/01	2005/06	
El Dorado Lakes	Cu, Pb				
Puddingstone Reservoir	Hg				
Legg Lake	Cu, Pb				
Santa Fe Dam Park Lake	Pb, Cu				
Coyote Creek	abnormal fish histology	Dependent on cause	2000/01	2005/06	Further Assessment needed - cause of abnormalities unknown
San Gabriel River Reach 1 (Estuary to Firestone)	abnormal fish histology				
San Gabriel River Estuary	abnormal fish histology				
El Dorado Lakes	algae, NH3, eutroph.	nitrogen and its effects	2001/02	2003/04	
El Dorado Lakes	pH				
Crystal Lake	algae, nutrients				
Legg Lake	NH3				
Legg Lake	pH				
Legg Lake	odors				
Puddingstone Reservoir	low DO, org. enrichment				
Santa Fe Dam Park Lake	pH				
San Gabriel River Reach 2 (Firestone to Whittier Narrows Dam)	Pb	metals	2000/01	2004/05	
San Gabriel River Estuary	As				
Coyote Creek	Ag				

TABLE 7A. SUMMARY SCHEDULE FOR TMDL DEVELOPMENT
Assumes these activities are funded to adhere to this schedule

San Gabriel River Watershed

303(d) Listed Waterbody(Reach)	Pollutant	Type of TMDL	TMDL Start Date - FY (start of monitoring)	TMDL Completion Date - FY (Basin Plan Amendment)	Comments
San Jose Creek Reach 1 (SG confluence to Temple St.)	coliform	coliform	2000/01	2002/03	
San Jose Creek Reach 2 (Temple to I-10 at White Ave.)	coliform				
San Gabriel River Reach 2 (Firestone to Whittier Narrows Dam)	coliform				
San Gabriel River Reach 1 (Estuary to Firestone)	coliform				
Coyote Creek	coliform				

TABLE 7A. SUMMARY SCHEDULE FOR TMDL DEVELOPMENT
Assumes these activities are funded to adhere to this schedule

Los Cerritos Channel and Alamitos Bay WMA

303(d) Listed Waterbody(Reach)	Pollutant	Type of TMDL	TMDL Start Date - FY (start of monitoring)	TMDL Completion Date - FY (Basin Plan Amendment)	Comments
Colorado Lagoon	DDT, PCBs, chlordane	hist. pest. and effects	2001/02	2004/05	
Colorado Lagoon	dieldrin				
Colorado Lagoon	sediment				
Colorado Lagoon	PAHs	runoff - metals & PAHs	2001/02	2004/05	
Colorado Lagoon	Pb, Zn				
Los Cerritos Channel	Zn	metals	2001/02	2004/05	
Los Cerritos Channel	Cu, Pb				
Los Cerritos Channel	NH3	ammonia	2001/02	2004/05	
Los Cerritos Channel	coliform	coliform	2001/02	2004/05	

Table 7B. Detailed Schedule of TMDL Activities (started in the next five years)

Table 7B. Detailed Schedule of TMDL Activities (started in the next five years)

Watershed	Waterbody (Reach)	Pollutant	Develop Technical TMDL	Develop Implementation Plan	Basin Plan Amendment
Calleguas Creek WMA	Conejo Creek/Arroyo Conejo N. Fork Calleguas Creek Reaches 1, 2 and 3 Duck pond ag drain/Mugu Drain/Oxnard Drain #2 Conejo Creek Reaches 1, 2, 3, and 4 Rio de Santa Clara (tributary to Mugu Lagoon) Arroyo Las Posas Reaches 1 and 2 Revolon Slough and Beardsley Wash Arroyo Simi Reach 1 Fox Barranca Mugu Lagoon	Nitrogen and its effects: nitrate + nitrite nitrogen ammonia algae low DO/org. enrichment	00/01 RB/SH co-leads	01/02 RB/SH co-lead	01/02 RB lead
	Fox Barranca Tapo Canyon Reach 1 Arroyo Simi Reaches 1 and 2 Arroyo Las Posas Reaches 1 and 2 Calleguas Creek Reach 3	Salts: boron sulfate TDS (total dissolved solids)	01/02 for other salts RB lead	03/04 for other salts RB/SH co-lead	03/04 for other salts RB lead
	Conejo Creek/Arroyo Conejo N Fork Conejo Creek Reaches 1, 2, 3 and 4	chloride	00/01 for chlorides	00/01 for chlorides	01/02 for Chlorides
	Revolon Slough and Beardsley Wash Calleguas Creek Reaches 1 and 2 Duck pond ag drain/Mugu Drain/Oxnard Drain #2 Conejo Creek Reaches 1, 2, 3 and 4	Water-soluble pesticides and effects: chlorpyrifos toxicity	01/02 RB lead	02/03 RB/SH co-lead	03/04 RB lead
	Arroyo Las Posas Reaches 1 and 2 Conejo Creek/Arroyo Conejo N. Fork Conejo Creek Reaches 1, 2, 3 and 4 Calleguas Creek Reaches 1 and 2 Duck pond ag drain/Mugu Drain/Oxnard Drain #2 Revolon Slough and Beardsley Wash Mugu Lagoon	Historic pesticides and effects, siltation: DDT dacthal endosulfan ChemA toxaphene dieldrin sediment toxicity	03/04 RB lead	03/04 RB/SH co-lead	04/05 RB lead
	Arroyo Simi Reach 1 Conejo Creek Reach 3 Conejo Creek Reach 2 Conejo Creek Reach 1	Metals: Cr, Ni, Ag, Zn Cd	04/05 RB lead	05/06 RB/SH co-lead	05/06 RB lead

Table 7B. Detailed Schedule of TMDL Activities (started in the next five years)

Watershed	Waterbody (Reach)	Pollutant	Develop Technical TMDL	Develop Implementation Plan	Basin Plan Amendment
	Calleguas Creek Reach 1 (estuary to 0.5 mi. S of Broome Rd.) Calleguas Creek Reach 2 (0.5 mi. S of Broome Rd. to Potrero Rd.) Revolon Slough Main Branch (Mugu Lagoon to Central Ave.) Beardsley Channel (above Central Ave.) Mugu Lagoon	PCBs	03/04	03/04	04/05
Santa Monica Bay WMA - Malibu Creek Watershed	Medea Creek Reaches 1 and 2 Las Virgenes Creek Lindero Creek Reaches 1 and 2 Stokes Creek Palo Comado Malibu Creek: lagoon to Malibu Lake Malibu Lagoon	Coliform and effects: coliform swimming restrictions shellfish harvesting advisory	00/01 RB/SH co-lead	00/01 RB/SH co-lead	01/02 RB lead
	Lake Calabasas Lake Sherwood Westlake Lake Lake Lindero Malibou Lake Lindero Creek Reaches 1 and 2 Medea Creek Reaches 1 and 2 Las Virgenes Creek Malibu Creek: lagoon to Malibu Lake Malibu Lagoon	Nutrients and their effects (Phase I): ammonia pH low dissolved oxygen algae eutrophication organic enrichment unnatural foam/scum nutrients odors	00/01 RB/SH co-lead	01/ 02 RB/SH co-lead	01/02 RB lead
Santa Monica Bay WMA - Marina del Rey Harbor	Marina del Rey Harbor Beach Marina del Rey Harbor - Back Basins	Coliform and its effects: coliform beach closures	01/02 RB/SH co-lead	02/03 RB/SH co-lead	03/04 RB lead

Table 7B. Detailed Schedule of TMDL Activities (started in the next five years)

Watershed	Waterbody (Reach)	Pollutant	Develop Technical TMDL	Develop Implementation Plan	Basin Plan Amendment
	Marina del Rey Harbor - Back Basins	Historic PCBs, pesticides and effects: DDT, PCBs, chlordane PCBs chlordane dieldrin benthic comm. effects fish consumption advisory	03/04 RB/SH co-lead	03/04 RB/SH co-lead	03/ 04 RB lead
	Marina del Rey Harbor - Back Basins	metals: Pb, Cu, Zn	03/04 RB/SH co-lead	03/04 RB/SH co-lead	04/ 05 RB lead
Santa Monica Bay WMA - greater Santa Monica Bay	Greater Santa Monica Bay beaches	coliforms, pathogens, beach closures (Phase I)	00/01 RB/SH co-lead	00/01 RB/SH co-lead	01/ 02 RB lead
	Santa Monica Bay Nearshore and Offshore Zone	Metals: Hg, Cd, Cu, Pb, Ni, Ag, Zn	02/03 RB/SH co-lead	02/03 RB/SH co-lead	04/ 05 RB lead
	Santa Monica Bay Nearshore and Offshore Zone	chlordane	04/05 RB/SH co-lead	05/06 RB/SH co-lead	05/06 RB lead
Santa Monica Bay WMA - Ballona Creek	Ballona Creek Ballona Wetland	trash	99/00 RB/SH co-lead	00/01 RB/SH co-lead	01/02 RB lead
	Ballona Estuary	coliform shellfish harvesting advisory	01/02 RB/SH co-lead	01/02 RB/SH co-lead	02/03 RB lead
	Ballona Creek Ballona Creek Estuary Ballona Wetland	Metals and its effects: Pb, Ag, As, Cu, Cd, Zn toxicity	02/03 RB/SH co-lead	02/03 RB/SH co-lead	03/04 RB lead

Table 7B. Detailed Schedule of TMDL Activities (started in the next five years)

Watershed	Waterbody (Reach)	Pollutant	Develop Technical TMDL	Develop Implementation Plan	Basin Plan Amendment
	Ballona Creek Ballona Creek Estuary Ballona Creek Estuary	Historic PCBs , Pesticides and effects: PCBs DDT ChemA chlordane dieldrin sediment toxicity	03/04 RB/SH co-lead	03/04 RB/SH co-lead	04/05 RB lead
	Topanga Cyn Creek Sepulveda Canyon Pico Kenter Drain Pico Kenter Drain Pico Kenter Drain Santa Monica Canyon	Metals and its effects: Pb, CU toxicity	05/06	06/07	06/07
Los Angeles River WMA	Los Angeles River Reaches 1, 2, 3, 4, and 5 Burbank Western Channel Verdugo Wash Reaches 1 and 2 Arroyo Seco Reach 1 Rio Hondo Reaches 1 and 2 Compton Creek Sepulveda Channel/Canyon Tujunga Wash (d/s Hansen Dam to LA River)	Nitrogen and related effects: ammonia pH algae scum odors	00/01 RB lead	00/01 RB/SH co-lead	01/02 RB lead
	Los Angeles River Reaches 1, 2, 4, and 6 Tujunga Wash (d/s Hansen Dam to LA River) Verdugo Wash Reaches 1 and 2 Arroyo Seco Reach 1 Rio Hondo Reaches 1 and 2 Compton Creek	Coliform	00/01 RB lead	00/01 RB/SH co-lead	01/ 02 RB lead
	Los Angeles River Reaches 1, 2, 3, 4, and 5 Burbank Western Channel Verdugo Wash Reaches 1 and 2 Arroyo Seco Reach 1 Rio Hondo Reach 1 Tujunga Wash (d/s Hansen Dam to LA River)	Trash	99/00 RB lead	00/01 RB/SH co-lead	01/02 RB lead

Table 7B. Detailed Schedule of TMDL Activities (started in the next five years)

Watershed	Waterbody (Reach)	Pollutant	Develop Technical TMDL	Develop Implementation Plan	Basin Plan Amendment
	Los Angeles River Reaches 1, 2, and 4 Burbank Western Channel Compton Creek Monrovia Canyon Creek Rio Hondo Reach 1 Tujunga Wash (d/s Hansen Dam to LA River) Aliso Canyon Creek	Metals: copper lead zinc selenium cadmium	02/03 RB lead	02/03 RB/SH co-lead	03/04 RB lead
	Los Angeles River Reach 5 (within Sepulveda Basin)	Historic pesticide: chemA	04/05 RB lead	05/06 RB/SH co-lead	05/06 RB lead
Dominguez Channel WMA	Cabrillo Pier area Cabrillo Beach (inner)	beach closures	01/02 RB/SH co-lead	01/02 RB/SH co-lead	02/03 RB lead
	Dominguez Channel Estuary (to Vermont) Dominguez Channel (above Vermont) Los Angeles Harbor: Consolidated Slip Los Angeles Harbor (part. Main Ch., Fish Hbr, Cabrillo Pier, and breakwater) Los Angeles Harbor: Southwest Slip San Pedro Bay nearshore and offshore zone: Cabrillo Pier area Cabrillo Beach (Inner) Long Beach Harbor, part. Main Ch., SE Basin, West Basin, Pier J, and breakwater Machado Lake (Harbor Lake)	Historic pesticides and their effects: ChemA, chlordane, DDT, PCBs aldrin, dieldrin sediment toxicity, benthic comm. effects	06/07	07/08	07/08
	Dominguez Channel Estuary (to Vermont) Dominguez Channel (above Vermont) Los Angeles Harbor: Consolidated Slip Los Angeles Harbor (part. Main Ch., Fish Hbr, Cabrillo Pier, and breakwater) San Pedro Bay nearshore and offshore zone: Cabrillo Pier area Cabrillo Beach (Inner) Long Beach Harbor, part. Main Ch., SE Basin, West Basin, Pier J, and breakwater	PAHs	06/07	07/08	07/08

Table 7B. Detailed Schedule of TMDL Activities (started in the next five years)

Watershed	Waterbody (Reach)	Pollutant	Develop Technical TMDL	Develop Implementation Plan	Basin Plan Amendment
	Torrance Carson Channel Wilmington Drain Dominguez Channel (above Vermont) Dominguez Channel Estuary (to Vermont) Los Angeles Harbor: Consolidated Slip	Metals: Cu, Pb, Cr, Zn,	05/06	06/07	06/07
	Torrance Carson Channel Wilmington Drain Dominguez Channel (above Vermont) Dominguez Channel Estuary (to Vermont)	Coliform	01/02	01/02	02/03
Ventura Coastal WMA	McGrath Beach Mandalay Beach	Coliform and its effects: coliform beach closures	01/ 02 RB/SH co-lead	01/02 RB/SH co-lead	02/ 03 RB lead
	Ventura Harbor: Ventura Keys	coliform	05/06	06/07	06/07
	McGrath Lake	Historic Pesticides and their effects: Chlordane, DDT, other pesticides Sediment toxicity	05/06	06/07	06/07
	Port Hueneme Harbor	Historic Organics DDT, PCBs	05/06	06/07	06/07
	Port Hueneme Harbor	PAHs	05/06	06/07	06/07
	Port Hueneme Harbor	Zn	03/04	03/ 04	04/05
Ventura River Watershed	Ventura River Estuary	DDT	04/05	05/06	05/06
	Ventura River Reach 2 (Main St. to Weldon Canyon) Ventura River Reach 1 (estuary to Main St.) Ventura River Estuary	eutrophication	03/04	03/04	05/06

Table 7B. Detailed Schedule of TMDL Activities (started in the next five years)

Watershed	Waterbody (Reach)	Pollutant	Develop Technical TMDL	Develop Implementation Plan	Basin Plan Amendment
	Ventura River Reach 2 (Main St. to Weldon Canyon) Ventura River Reach 1 (estuary to Main St.)	Metals: Cu, Zn, Ag,	04/05	05/06	05/06
	Ventura River Estuary	Trash	04/05	05/06	05/06
	Ventura River Reach 2 (Main St. to Weldon Canyon)	Se	04/05	05/06	05/06
Santa Clara River WMA	Santa Clara River Reaches 3, 7, and 8	Chloride	00/01 RB/SH co-lead	99/00 RB/SH co-lead	01/02 RB lead
	Santa Clara River Reaches 3, 7, and 8 Mint Canyon Reach 1 Brown Barranca/Long Canyon Torrey Canyon Creek Wheeler Canyon/Todd Barranca	Nitrogen and its effects: nitrate + nitrite ammonia organic enrichment low dissolved oxygen	01/02 RB/SH co-lead	01/02 RB/SH co-lead	01/02 RB lead
	Santa Clara River Estuary	Historic Pesticides: ChemA, toxaphene	05/06	06/07	06/07
	Santa Clara River Reach 9 (Bouquet Cyn Rd. to abv Lang Gaging) Santa Clara River Reach 8 (W Pier Hwy 99 to Bouquet Cyn Rd Bridge) Santa Clara River Estuary Santa Clara River Estuary Beach/Surfers Knoll	Coliform	04/05	05/06	05/06
	Elizabeth Lake Munz Lake Lake Hughes	Eutrophication and its effects: Low DO, fish kills, algae odors	03/04	03/04	04/05
	Elizabeth Lake Munz Lake Lake Hughes	Trash	04/05	04/05	04/05

Table 7B. Detailed Schedule of TMDL Activities (started in the next five years)

Watershed	Waterbody (Reach)	Pollutant	Develop Technical TMDL	Develop Implementation Plan	Basin Plan Amendment
San Gabriel River WMA	San Gabriel River Reaches 1, 2, and 3 San Jose Creek Reaches 1 and 2 Walnut Creek Coyote Creek	Nitrogen and its effects: ammonia toxicity pH algae	01/02 RB/SH co-lead	01/02 RB/SH co-lead	04/05 RB lead
	San Gabriel River East Fork	Trash	99/00 RB/SH co-lead	99/00 RB/SH co-lead	RB adoption on 10/29/99
	San Gabriel River Reach 2 San Gabriel River Estuary Coyote Creek	Metals: Pb As Ag	04/05 RB/SH co-lead	04/05 RB/SH co-lead	04/05 RB lead
	San Gabriel River Reaches 1 and 2 San Jose Creek Reaches 1 and 2 Coyote Creek	coliform	02/03 RB/SH co-lead	02/03 RB/SH co-lead	02/03 RB lead
	Puddingstone Reservoir	PCBs and Pesticides: DDT, chlordane, PCs	04/05	05/06	05/06
	El Dorado Lakes Puddingstone Reservoir Legg Lake Santa Fe Dam Park Lake	Metals: Hg, Cu, Pb	04/05	05/06	05/06
	Coyote Creek San Gabriel River Reach 1 (Estuary to Firestone) San Gabriel River Estuary	abnormal fish histology Cause unknown	04/05	05/06	05/06
	El Dorado Lakes Puddingstone Reservoir Legg Lake Santa Fe Dam Park Lake Crystal Lake	Nitrogen and its effects: Eutrophication, algae, NH3, pH, Nutrients, orders, low DO, enrichment	03/04	03/04	03/04

Table 7B. Detailed Schedule of TMDL Activities (started in the next five years)

Watershed	Waterbody (Reach)	Pollutant	Develop Technical TMDL	Develop Implementation Plan	Basin Plan Amendment
Los Cerritos Channel and Alamitos Bay WMA	Colorado Lagoon	Historic pesticides and effects: DDT, PCBs, Chlordane, Dieldrin Sediment toxicity	03/04	04/05	04/05
	Colorado Lagoon	Metals & PAHs: Zn, Cu, Pb, PAHs	03/04	04/05	04/05
	Los Cerritos Channel	Metals: Zn, Cu, Pb	03/04	04/05	04/05
	Los Cerritos Channel	Ammonia	03/04	04/05	04/05
	Los Cerritos Channel	coliform	03/04	04/05	04/05