

2006 CWA SECTION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS REQUIRING TMDLS

CENTRAL VALLEY REGIONAL WATER QUALITY CONTROL BOARD

USEPA APPROVAL DATE: JUNE 28, 2007

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	R	American River, Lower (Nimbus Dam to confluence with Sacramento River)	51921000	Mercury <i>All resource extraction sources are abandoned mines.</i>	Resource Extraction	27 Miles	2008
				Unknown Toxicity		27 Miles	2019
					Source Unknown		
5	R	American River, South Fork (below Slab Creek Reservoir to Folsom Lake)	51432060	Mercury		37 Miles	2019
					Source Unknown		
5	R	Arcade Creek	51921000	Copper		9.9 Miles	2020
					Urban Runoff/Storm Sewers		
5	R	Avena Drain	53140000	Ammonia		6.4 Miles	2020
					Agriculture Dairies		
				Pathogens		6.4 Miles	2020
					Agriculture Dairies		
5	R	Bear River, Lower (below Camp Far West Reservoir)	51510000	Diazinon		21 Miles	2008
					Agriculture		
5	R	Bear River, Upper	51633010	Mercury		10 Miles	2011
					Resource Extraction		
5	L	Berryessa, Lake	51221010	Mercury		19083 Acres	2015
					Resource Extraction		

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5	L	Black Butte Reservoir	50432000	Mercury	Resource Extraction	4507 Acres	2015
5	R	Butte Slough	52030000	Diazinon	Crop-Related Sources	8.9 Miles	2008
5	R	Cache Creek, Lower (Clear Lake Dam to Cache Creek Settling Basin near Yolo Bypass)	51120000	Unknown Toxicity	Source Unknown	96 Miles	2019
5	R	Calaveras River, Lower	54400000	Diazinon	Urban Runoff/Storm Sewers	5.8 Miles	2006
				Organic Enrichment/Low Dissolved Oxygen	Urban Runoff/Storm Sewers	5.8 Miles	2008
				Pathogens	Urban Runoff/Storm Sewers	5.8 Miles	2008
					Recreational and Tourism Activities (non-boating)		
5	L	Camanche Reservoir	53120000	Copper	Resource Extraction	7389 Acres	2020
				Zinc	Resource Extraction	7389 Acres	2020
5	L	Camp Far West Reservoir	51631013	Mercury	Resource Extraction	1945 Acres	2011

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5	R	Carson Creek (from WWTP to Deer Creek)	53222013	Aluminum		12 Miles	2019
					Source Unknown		
				Manganese		12 Miles	2019
					Source Unknown		
5	L	Clear Lake	51352000	Nutrients		40070 Acres	2006
					Source Unknown		
5	R	Clover Creek	50732000	Fecal Coliform		11 Miles	2012
					Agriculture-grazing Other		
5	R	Colusa Basin Drain	52010000	Azinphos-methyl		49 Miles	2008
					Agriculture		
				Carbofuran		49 Miles	2008
					Agriculture		
				Diazinon		49 Miles	2008
					Agriculture		
				Group A Pesticides		49 Miles	2011
					Agriculture		
Malathion		49 Miles	2008				
					Agriculture		
Methyl Parathion		49 Miles	2008				
					Agriculture		

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				Molinate/Ordram		49 Miles	2008
				Unknown Toxicity	Agriculture-irrigation tailwater	49 Miles	2019
					Agriculture		
5	L	Combie, Lake	51633011	Mercury		362 Acres	2011
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
5	R	Cosumnes River	53111000	Exotic Species		53 Miles	2019
				<i>This exotic species listing covers the entire watershed, i.e., the mainstem and the North, Middle and South Forks of the Cosumnes River.</i>			
					Source Unknown		
5	L	Davis Creek Reservoir	51332010	Mercury		163 Acres	2010
					Resource Extraction		
5	R	Deer Creek (Sacramento County)	53222012	Iron		12 Miles	2019
					Source Unknown		
5	R	Deer Creek (Yuba County)	51712014	pH		4.3 Miles	2011
					Internal Nutrient Cycling (primarily lakes)		
5	R	Del Puerto Creek	54110000	Chlorpyrifos		6.5 Miles	2008
					Agriculture		
				Diazinon		6.5 Miles	2008
					Agriculture		
				Pyrethroids		6.5 Miles	2019
				<i>The pyrethroids of concern for this listing are bifenthrin, lambda cyhalothrin, efenvalerate/fedvalerate, and permethrin.</i>			
					Source Unknown		

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5	E	Delta Waterways (central portion)	54400000	Chlorpyrifos		11425 Acres	2019
					Agriculture Urban Runoff/Storm Sewers		
				DDT		11425 Acres	2011
					Agriculture		
				Diazinon		11425 Acres	2019
					Agriculture Urban Runoff/Storm Sewers		
				Exotic Species		11425 Acres	2019
					Source Unknown		
				Group A Pesticides		11425 Acres	2011
					Agriculture		
				Mercury		11425 Acres	2006
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
				Unknown Toxicity		11425 Acres	2019
					Source Unknown		
5	E	Delta Waterways (eastern portion)	54400000	Chlorpyrifos		2972 Acres	2006
					Agriculture Urban Runoff/Storm Sewers		
				DDT		2972 Acres	2011
					Agriculture		
				Diazinon		2972 Acres	2006
					Agriculture Urban Runoff/Storm Sewers		

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				Exotic Species		2972 Acres	2019
					Source Unknown		
				Group A Pesticides		2972 Acres	2011
					Agriculture		
				Mercury		2972 Acres	2006
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
				Unknown Toxicity		2972 Acres	2019
					Source Unknown		
5	E	Delta Waterways (export area)	54400000				
				Chlorpyrifos		583 Acres	2019
					Agriculture		
					Urban Runoff/Storm Sewers		
				DDT		583 Acres	2011
					Agriculture		
				Diazinon		583 Acres	2019
					Agriculture		
					Urban Runoff/Storm Sewers		
				Electrical Conductivity		583 Acres	2019
					Agriculture		
				Exotic Species		583 Acres	2019
					Source Unknown		
				Group A Pesticides		583 Acres	2011
					Agriculture		
				Mercury		583 Acres	2006
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		

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				Unknown Toxicity		583 Acres	2019
					Source Unknown		
5	E	Delta Waterways (northern portion)	51000000	Chlorpyrifos		6795 Acres	2019
					Agriculture Urban Runoff/Storm Sewers		
				DDT		6795 Acres	2011
					Agriculture		
				Diazinon		6795 Acres	2019
					Agriculture Urban Runoff/Storm Sewers		
				Exotic Species		6795 Acres	2019
					Source Unknown		
				Group A Pesticides		6795 Acres	2011
					Agriculture		
				Mercury		6795 Acres	2006
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
				PCBs (Polychlorinated biphenyls)		6795 Acres	2019
					Source Unknown		
				Unknown Toxicity		6795 Acres	2019
					Source Unknown		
5	E	Delta Waterways (northwestern portion)	51000000	Chlorpyrifos		2587 Acres	2019
					Agriculture Urban Runoff/Storm Sewers		

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				DDT		2587 Acres	2011
					Agriculture		
				Diazinon		2587 Acres	2019
					Agriculture		
					Urban Runoff/Storm Sewers		
				Electrical Conductivity		2587 Acres	2019
					Agriculture		
				Exotic Species		2587 Acres	2019
					Source Unknown		
				Group A Pesticides		2587 Acres	2011
					Agriculture		
				Mercury		2587 Acres	2006
					<i>All resource extraction sources are abandoned mines.</i>		
					Resource Extraction		
				Unknown Toxicity		2587 Acres	2019
					Source Unknown		
5	E	Delta Waterways (southern portion)	54400000				
				Chlorpyrifos		3125 Acres	2019
					Agriculture		
					Urban Runoff/Storm Sewers		
				DDT		3125 Acres	2011
					Agriculture		
				Diazinon		3125 Acres	2019
					Agriculture		
					Urban Runoff/Storm Sewers		
				Electrical Conductivity		3125 Acres	2019
					Agriculture		

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				Exotic Species		3125 Acres	2019
					Source Unknown		
				Group A Pesticides		3125 Acres	2011
					Agriculture		
				Mercury		3125 Acres	2006
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
				Unknown Toxicity		3125 Acres	2019
					Source Unknown		
<hr/>							
5	E	Delta Waterways (Stockton Ship Channel)	54400000				
				Chlorpyrifos		1603 Acres	2006
					Agriculture		
					Urban Runoff/Storm Sewers		
				DDT		1603 Acres	2011
					Agriculture		
				Diazinon		1603 Acres	2006
					Agriculture		
					Urban Runoff/Storm Sewers		
				Dioxin		1603 Acres	2019
				<i>The areas of the ship channel impacted by dioxin contamination in sportfish encompass Old Mormon Slough, New Mormon Slough, McLeod Lake, Turning Basin, Morrelli Boat Ramp, and Louis Park Boat Ramp (California Department of Health Services 1998 warning). This listing was made by USEPA in 1998 and was under the Stockton Turning Basin, upper (Port Turning Basin) on previous lists. In order to consolidate listings for same areas, all listings for Stockton Turning Basin are now under the Delta Waterways (Stockton Ship Channel).</i>			
					Point Source		
				Exotic Species		1603 Acres	2019
					Source Unknown		
				Furan Compounds		1603 Acres	2019
				<i>This listing was previously under Stockton Turning Basin, upper (Port Turning Basin). In order to consolidate listings for same areas, all listings for Stockton Turning Basin are now under the Delta Waterways (Stockton Ship Channel).</i>			
					Contaminated Sediments		

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				Group A Pesticides		1603 Acres	2011
					Agriculture		
				Mercury		1603 Acres	2006
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
				Pathogens		1603 Acres	2008
				<i>This listing was previously under Stockton Turning Basin, upper (Port Turning Basin). In order to consolidate listings for same areas, all listings for Stockton Turning Basin are now under the Delta Waterways (Stockton Ship Channel).</i>			
					Urban Runoff/Storm Sewers		
					Recreational and Tourism Activities (non-boating)		
				PCBs (Polychlorinated biphenyls)		1603 Acres	2019
				<i>The areas of the ship channel impacted by PCB contamination in sportfish encompass Old Mormon Slough, New Mormon Slough, McLeod Lake, Turning Basin, Morrelli Boat Ramp, and Louis Park Boat Ramp (California Department of Health Services 1998 warning). This listing was made by USEPA in 1998 and was under the Stockton Turning Basin, upper (Port Turning Basin) on previous lists. In order to consolidate listings for same areas, all listings for Stockton Turning Basin are now under the Delta Waterways (Stockton Ship Channel).</i>			
					Point Source		
				Unknown Toxicity		1603 Acres	2019
					Source Unknown		
5	E	Delta Waterways (western portion)	54400000				
				Chlorpyrifos		14524 Acres	2006
					Agriculture		
					Urban Runoff/Storm Sewers		
				DDT		14524 Acres	2011
					Agriculture		
				Diazinon		14524 Acres	2006
					Agriculture		
					Urban Runoff/Storm Sewers		
				Electrical Conductivity		14524 Acres	2019
					Agriculture		

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				Exotic Species		14524 Acres	2019
					Source Unknown		
				Group A Pesticides		14524 Acres	2011
					Agriculture		
				Mercury		14524 Acres	2006
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
				Unknown Toxicity		14524 Acres	2019
					Source Unknown		
5	R	Dolly Creek	51854030	Copper		1.5 Miles	2020
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
				Zinc		1.5 Miles	2020
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
5	L	Don Pedro Lake	53632010	Mercury		11056 Acres	2020
					Resource Extraction		
5	R	Dunn Creek (Mt Diablo Mine to Marsh Creek)	54300021	Mercury		0.7 Miles	2013
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
				Metals		0.7 Miles	2020
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
5	L	Englebright Lake	51714013	Mercury		754 Acres	2012
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		

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5	R	Fall River (Pit)	52641031	Sedimentation/Siltation <i>The sedimentation is accumulated sand size sediment in the upper Fall River. The historic land management activities include logging, grazing, channelization, roads, and railroads.</i>		8.6 Miles	2016
Historic Land Management Activities							
5	R	Feather River, Lower (Lake Oroville Dam to Confluence with Sacramento River)	51540000	Chlorpyrifos	Source Unknown	42 Miles	2019
				Group A Pesticides		42 Miles	2011
				Mercury <i>All resource extraction sources are abandoned mines.</i>	Agriculture	42 Miles	2009
				Unknown Toxicity	Resource Extraction	42 Miles	2019
Source Unknown							
5	R	Feather River, North Fork (below Lake Almanor)	51812000	Mercury		49 Miles	2019
					Source Unknown		
				Temperature, water		49 Miles	2019
Hydromodification							
Flow Regulation/Modification							
5	R	Five Mile Slough (Alexandria Place to Fourteen Mile Slough)	54400000	Chlorpyrifos		1.6 Miles	2006
				Diazinon <i>The agricultural source of diazinon for this waterbody is from aerial deposition.</i>	Urban Runoff/Storm Sewers	1.6 Miles	2006
					Agriculture		
					Urban Runoff/Storm Sewers		

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				Organic Enrichment/Low Dissolved Oxygen		1.6 Miles	2008
				Pathogens	Urban Runoff/Storm Sewers	1.6 Miles	2008
					Other Urban Runoff Recreational and Tourism Activities (non-boating)		
5	R	French Ravine	51632011	Bacteria		1.7 Miles	2019
					Land Disposal		
5	W	Grasslands Marshes	54120000	Electrical Conductivity		7962 Acres	2008
					Agriculture		
5	R	Grayson Drain (at outfall)	54110000	Sediment Toxicity		0.03 Miles	2019
					Source Unknown		
5	R	Harding Drain (Turlock Irrigation District Lateral #5)	53550000	Chlorpyrifos		8.3 Miles	2008
					Agriculture		
				Unknown Toxicity		8.3 Miles	2019
					Agriculture		
5	R	Horse Creek (Rising Star Mine to Shasta Lake)	50610000	Cadmium		0.52 Miles	2020
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
				Copper		0.52 Miles	2020
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		

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				Lead		0.52 Miles	2020
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
				Zinc		0.52 Miles	2020
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
5	R	Humbug Creek	51732030	Copper		2.2 Miles	2020
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
				Mercury		2.2 Miles	2012
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
				Sedimentation/Siltation		2.2 Miles	2012
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
				Zinc		2.2 Miles	2020
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
5	R	Ingram Creek (from confluence with Hospital Creek to Hwy 33 crossing)	54110000	Pyrethroids		2.8 Miles	2019
				<i>The pyrethroids of concern for this listing are bifenthrin, lambda cyhalothrin, efenvalerate/fedvalerate, and permethrin.</i>			
					Source Unknown		
5	R	Ingram Creek (from confluence with San Joaquin River to confluence with Hospital Creek)	54110000	Chlorpyrifos		2.1 Miles	2008
					Agricultural Return Flows		
				Diazinon		2.1 Miles	2008
					Agricultural Return Flows		
				Pyrethroids		2.1 Miles	2019
				<i>The pyrethroids of concern for this listing are bifenthrin, lambda cyhalothrin, efenvalerate/fedvalerate, and permethrin.</i>			
					Source Unknown		

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5	R	Jack Slough	51540000	Diazinon	Agriculture	14 Miles	2008
5	R	James Creek	51224010	Mercury	Resource extraction sources are abandoned mines. Resource Extraction	6.3 Miles	2015
				Nickel	Resource extraction sources are abandoned mines. Resource Extraction	6.3 Miles	2020
5	R	Kanaka Creek	51742022	Arsenic	All resource extraction sources are abandoned mines. Resource Extraction	9.7 Miles	2020
5	L	Kaweah Lake	55344010	Mercury	Source Unknown	1702 Acres	2019
5	L	Keswick Reservoir (portion downstream from Spring Creek)	52440013	Cadmium	Resource Extraction	135 Acres	2020
				Copper	Resource Extraction	135 Acres	2020
				Zinc	Resource Extraction	135 Acres	2020
5	R	Kings River, Lower (Island Weir to Stinson and Empire Weirs)	55190000	Electrical Conductivity	Agriculture	36 Miles	2015
				Molybdenum	Agriculture	36 Miles	2015
				Toxaphene	Agriculture	36 Miles	2015

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5	R	Little Backbone Creek, Lower	50620010	Acid Mine Drainage		0.95 Miles	2020
					Resource Extraction		
				Cadmium		0.95 Miles	2020
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
				Copper		0.95 Miles	2020
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
				Zinc		0.95 Miles	2020
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
5	R	Little Cow Creek (downstream from Afterthought Mine)	50733023				
				Cadmium		1.1 Miles	2020
				<i>Resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
				Copper		1.1 Miles	2020
				<i>Resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
				Zinc		1.1 Miles	2020
				<i>Resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
5	R	Little Deer Creek	51720012				
				Mercury		4.1 Miles	2012
					Resource Extraction		
5	R	Little Grizzly Creek	51854031				
				Copper		9.4 Miles	2020
					Mine Tailings		
				Zinc		9.4 Miles	2020
					Mine Tailings		
5	R	Lone Tree Creek	53140000				
				Ammonia		15 Miles	2020
					Dairies		

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				BOD, Biochemical oxygen demand		15 Miles	2020
					Dairies		
				Electrical Conductivity		15 Miles	2020
					Dairies		
5	L	Lower Bear River Reservoir	53260043	Copper		725 Acres	2019
					Source Unknown		
5	R	Main Drainage Canal	52040000	Diazinon		9.2 Miles	2019
					Agriculture		
5	R	Marsh Creek (Dunn Creek to Marsh Creek Reservoir)	54300023	Mercury		11 Miles	2019
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
				Metals		11 Miles	2020
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
5	R	Marsh Creek (Marsh Creek Reservoir to San Joaquin River)	54400000	Mercury		10 Miles	2013
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
5	L	Marsh Creek Reservoir	54300023	Mercury		278 Acres	2013
					Resource Extraction		

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CENTRAL VALLEY REGIONAL WATER QUALITY CONTROL BOARD

USEPA APPROVAL DATE: JUNE 28, 2007

REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	W	Mendota Pool	55120000	Selenium		3045 Acres	1996
				<i>For 2006, selenium was moved by USEPA from the being addressed list back to the 303(d) list pending completion and USEPA approval of a TMDL.</i>			
					Agriculture		
					Agricultural Return Flows		
					Groundwater Withdrawal		
					Other		
5	R	Merced River, Lower (McSwain Reservoir to San Joaquin River)	53550000	Chlorpyrifos		50 Miles	2008
					Agriculture		
				Diazinon		50 Miles	2008
					Agriculture		
				Group A Pesticides		50 Miles	2011
					Agriculture		
				Mercury		50 Miles	2019
					Source Unknown		
5	R	Middle River	54400000	Low Dissolved Oxygen		9.7 Miles	2019
					Hydromodification		
					Source Unknown		
5	R	Mokelumne River, Lower	54400000	Copper		29 Miles	2020
					Resource Extraction		
				Zinc		29 Miles	2020
					Resource Extraction		

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	R	Mormon Slough (Commerce Street to Stockton Deep Water Channel)	54400000	Organic Enrichment/Low Dissolved Oxygen		0.93 Miles	2008
				Pathogens	Urban Runoff/Storm Sewers	0.93 Miles	2008
					Urban Runoff/Storm Sewers Recreational and Tourism Activities (non-boating)		
5	R	Mormon Slough (Stockton Diverting Canal to Commerce Street)	53130000	Pathogens		5.2 Miles	2008
					Urban Runoff/Storm Sewers Recreational and Tourism Activities (non-boating)		
5	R	Mosher Slough (downstream of I-5)	54400000	Chlorpyrifos		1.3 Miles	2006
					Urban Runoff/Storm Sewers		
				Diazinon		1.3 Miles	2006
					<i>The agricultural source of diazinon for this waterbody is from aerial deposition.</i> Agriculture		
					Urban Runoff/Storm Sewers		
5	R	Mosher Slough (upstream of I-5)	54400000	Organic Enrichment/Low Dissolved Oxygen		1.3 Miles	2008
				Pathogens	Urban Runoff/Storm Sewers	1.3 Miles	2008
					Urban Runoff/Storm Sewers		
5	R	Mud Slough	54120000	Boron		13 Miles	2008
					Agriculture		

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Electrical Conductivity		13 Miles	2008
					Agriculture		
				Pesticides		13 Miles	2019
					Agriculture		
				Selenium		13 Miles	1996
				<i>For 2006, selenium was moved by USEPA from the being addressed list back to the 303(d) list pending completion and USEPA approval of a TMDL.</i>			
					Agriculture		
				Unknown Toxicity		13 Miles	2019
					Agriculture		
5	L	Natoma, Lake	51921000	Mercury		485 Acres	2019
					Source Unknown		
5	R	Natomas East Main Drainage Canal (aka Steelhead Creek, downstream of confluence with Arcade Creek)	51921000	Diazinon		3.5 Miles	2008
				<i>The agricultural source is from aerial deposition.</i>			
					Agriculture		
					Urban Runoff/Storm Sewers		
				PCBs (Polychlorinated biphenyls)		3.5 Miles	2020
					Industrial Point Sources		
					Agriculture		
					Urban Runoff/Storm Sewers		
5	R	Natomas East Main Drainage Canal (aka Steelhead Creek, upstream of confluence with Arcade Creek)	51921000	PCBs (Polychlorinated biphenyls)		12 Miles	2020
					Industrial Point Sources		
					Agriculture		
					Urban Runoff/Storm Sewers		

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	R	Newman Wasteway	54120000	Chlorpyrifos	Agriculture	8.3 Miles	2008
				Diazinon	Agriculture	8.3 Miles	2008
5	R	Oak Run Creek	50733000	Fecal Coliform	Combined Sewer Overflow Agriculture Grazing-Related Sources Pasture Grazing-Upland Natural Sources	5.6 Miles	2012
5	R	Old River (San Joaquin River to Delta-Mendota Canal)	54400000	Low Dissolved Oxygen	Hydromodification Source Unknown	15 Miles	2019
5	R	Orestimba Creek (above Kilburn Road)	54110000	Azinphos-methyl	Agriculture	9.1 Miles	2008
				Chlorpyrifos	Agriculture	9.1 Miles	2008
				DDE <i>Historical agricultural use.</i>	Agriculture	9.1 Miles	2011
				Diazinon	Agriculture	9.1 Miles	2008
5	R	Orestimba Creek (below Kilburn Road)	54110000	Azinphos-methyl	Agriculture	2.7 Miles	2008

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Chlorpyrifos		2.7 Miles	2008
				DDE	Agriculture	2.7 Miles	2011
				Diazinon	Agriculture	2.7 Miles	2008
				Sediment Toxicity	Agriculture	2.7 Miles	2019
				Unknown Toxicity	Source Unknown	2.7 Miles	2019
					Agriculture		
5	R	Panoche Creek (Silver Creek to Belmont Avenue)	55112000	Mercury		18 Miles	2020
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction		
				Sedimentation/Siltation		18 Miles	2007
					Agriculture		
					Agriculture-grazing		
					Highway/Road/Bridge Construction		
				Selenium		18 Miles	2007
					Agriculture		
					Agriculture-grazing		
					Highway/Road/Bridge Construction		
5	R	Pit River	52661080	Nutrients		123 Miles	2013
					Agriculture		
					Agriculture-grazing		

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Organic Enrichment/Low Dissolved Oxygen		123 Miles	2013
					Agriculture Agriculture-grazing		
				Temperature, water		123 Miles	2013
					Agriculture Agriculture-grazing		
5	R	Putah Creek (Solano Lake to Putah Creek Sinks)	51120000	Mercury		27 Miles	2015
				<i>All resource extraction sources are abandoned mines.</i>			
					Resource Extraction Source Unknown		
5	L	Rollins Reservoir	51634033	Mercury		774 Acres	2012
					Resource Extraction		
5	R	Sacramento River (Keswick Dam to Cottonwood Creek)	52440014	Unknown Toxicity		15 Miles	2019
					Source Unknown		
5	R	Sacramento River (Cottonwood Creek to Red Bluff)	50810000	Unknown Toxicity		16 Miles	2019
					Source Unknown		
5	R	Sacramento River (Red Bluff to Knights Landing)	50420070	Mercury		82 Miles	2019
				<i>This mercury listing only applies to the area from Hamilton City downstream to Knights Landing.</i>			
					Source Unknown		
				Unknown Toxicity		82 Miles	2019
					Source Unknown		

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION		
5	R	Sacramento River (Knights Landing to the Delta)	51000000	Mercury		16 Miles	2010		
				<i>All resource extraction sources are abandoned mines.</i>					
					Resource Extraction				
				Unknown Toxicity		16 Miles	2019		
					Source Unknown				
5	R	Sacramento Slough	51922000	Mercury		1.7 Miles	2020		
					Source Unknown				
5	R	Salt Slough (upstream from confluence with San Joaquin River)	54120000	Boron		17 Miles	2008		
						Agriculture			
				Chlorpyrifos		17 Miles	2008		
						Agriculture			
				Diazinon		17 Miles	2008		
						Agriculture			
				Electrical Conductivity		17 Miles	2008		
		Agriculture							
				Unknown Toxicity		17 Miles	2019		
					Agriculture				
5	R	San Carlos Creek (downstream of New Idria Mine)	55911085	Mercury		5.1 Miles	2020		
				<i>All resource extraction sources are abandoned mines.</i>					
					Resource Extraction				
				Acid Mine Drainage					

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	R	San Joaquin River (Mendota Pool to Bear Creek)	54110000	Boron		88 Miles	2006
				DDT	Agriculture	88 Miles	2011
				Electrical Conductivity	Agriculture	88 Miles	2006
				Group A Pesticides	Agriculture	88 Miles	2011
				Unknown Toxicity	Agriculture	88 Miles	2019
					Source Unknown		
5	R	San Joaquin River (Bear Creek to Mud Slough)	54120000	Boron		14 Miles	2006
				DDT	Agriculture	14 Miles	2011
				Electrical Conductivity	Agriculture	14 Miles	2006
				Group A Pesticides	Agriculture	14 Miles	2011
				Mercury	Agriculture	14 Miles	2020
				Unknown Toxicity	Resource Extraction	14 Miles	2019
					Source Unknown		

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	R	San Joaquin River (Mud Slough to Merced River)	54110000	Boron		3 Miles	2006
				DDT	Agriculture	3 Miles	2011
				Electrical Conductivity	Agriculture	3 Miles	2006
				Group A Pesticides	Agriculture	3 Miles	2011
				Mercury	Agriculture	3 Miles	2020
				Selenium	Resource Extraction	3 Miles	1996
				Unknown Toxicity	Agriculture	3 Miles	2019
					Source Unknown		
5	R	San Joaquin River (Merced River to Tuolumne River)	54110000	DDT		29 Miles	2011
				Group A Pesticides	Agriculture	29 Miles	2011
				Mercury	Agriculture	29 Miles	2020
				Unknown Toxicity	Resource Extraction	29 Miles	2019
					Source Unknown		

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	R	San Joaquin River (Tuolumne River to Stanislaus River)	53530000	DDT		8.4 Miles	2011
					Agriculture		
				Group A Pesticides		8.4 Miles	2011
					Agriculture		
				Mercury		8.4 Miles	2020
		Resource Extraction					
		Unknown Toxicity		8.4 Miles	2019		
				Agriculture			
5	R	San Joaquin River (Friant Dam to Mendota Pool)	54510000	Exotic Species		70 Miles	2019
					Source Unknown		
5	R	San Joaquin River (Stanislaus River to Delta Boundary)	54400000	DDT		3 Miles	2011
					Agriculture		
				Group A Pesticides		3 Miles	2011
					Agriculture		
				Mercury		3 Miles	2020
					Resource Extraction		
		Toxaphene		3 Miles	2019		
				Source Unknown			
		Unknown Toxicity		3 Miles	2019		
				Agriculture			
5	L	Scotts Flat Reservoir	51720011	Mercury		660 Acres	2012
					Resource Extraction		

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
5	L	Shasta Lake (area where West Squaw Creek enters)	50620010	Cadmium	Resource Extraction	20 Acres	2020
				Copper	Resource Extraction	20 Acres	2020
				Zinc	Resource Extraction	20 Acres	2020
5	R	Smith Canal	54400000	Organic Enrichment/Low Dissolved Oxygen	Urban Runoff/Storm Sewers	2.4 Miles	2008
				Organophosphorus Pesticides	Urban Runoff/Storm Sewers	2.4 Miles	2006
				Pathogens	Urban Runoff/Storm Sewers	2.4 Miles	2008
					Recreational and Tourism Activities (non-boating)		
5	R	South Cow Creek	50731000	Fecal Coliform	Agriculture Grazing-Related Sources Other	7.9 Miles	2012
5	R	Spring Creek, Lower (Iron Mountain Mine to Keswick Reservoir)	52440010	Acid Mine Drainage	Resource Extraction	2.6 Miles	2020
				<i>All resource extraction sources are abandoned mines.</i>			
				Cadmium	Resource Extraction	2.6 Miles	2020
				<i>All resource extraction sources are abandoned mines.</i>			
				Copper	Resource Extraction	2.6 Miles	2020
				<i>All resource extraction sources are abandoned mines.</i>			

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Zinc <i>All resource extraction sources are abandoned mines.</i> Resource Extraction		2.6 Miles	2020
5	R	Stanislaus River, Lower	53530000	Diazinon	Agriculture	59 Miles	2008
				Group A Pesticides	Agriculture	59 Miles	2011
				Mercury	Resource Extraction	59 Miles	2020
				Unknown Toxicity	Source Unknown	59 Miles	2019
5	R	Sulphur Creek (Colusa County)	51320024	Mercury <i>All resource extraction sources are abandoned mines.</i> Resource Extraction		14 Miles	2005
5	R	Temple Creek	53140000	Ammonia	Dairies	10 Miles	2020
				Electrical Conductivity	Dairies	10 Miles	2020
5	R	Town Creek	50620010	Cadmium <i>All resource extraction sources are abandoned mines.</i> Resource Extraction		0.98 Miles	2020
				Copper <i>All resource extraction sources are abandoned mines.</i> Resource Extraction		0.98 Miles	2020
				Lead <i>All resource extraction sources are abandoned mines.</i> Resource Extraction		0.98 Miles	2020

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REGION	TYPE	NAME	CALWATER WATERSHED	POLLUTANT/STRESSOR	POTENTIAL SOURCES	ESTIMATED SIZE AFFECTED	PROPOSED TMDL COMPLETION
				Zinc <i>All resource extraction sources are abandoned mines.</i>		0.98 Miles	2020
					Resource Extraction		
5	R	Tuolumne River, Lower (Don Pedro Reservoir to San Joaquin River)	53550000				
				Diazinon		60 Miles	2008
					Agriculture		
				Group A Pesticides		60 Miles	2011
					Agriculture		
				Unknown Toxicity		60 Miles	2019
					Source Unknown		
5	R	Wadsworth Canal	52030000				
				Diazinon		16 Miles	2019
					Agriculture		
5	R	Walker Slough	53140000				
				Pathogens		2.3 Miles	2008
					Urban Runoff/Storm Sewers		
					Recreational and Tourism Activities (non-boating)		
5	R	West Squaw Creek (below Balaklala Mine)	50620010				
				Cadmium <i>All resource extraction sources are abandoned mines.</i>		2 Miles	2020
					Resource Extraction		
				Copper <i>All resource extraction sources are abandoned mines.</i>		2 Miles	2020
					Resource Extraction		
				Lead <i>All resource extraction sources are abandoned mines.</i>		2 Miles	2020
					Resource Extraction		
				Zinc <i>All resource extraction sources are abandoned mines.</i>		2 Miles	2020
					Resource Extraction		

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5	L	Whiskeytown Reservoir (areas near Oak Bottom, Brandy Creek Campgrounds and Whiskeytown)	52463010	Coliform Bacteria	Septage Disposal	98 Acres	2019
5	R	Willow Creek (Madera County)	54021051	Temperature, water	Source Unknown	6.2 Miles	2019
5	R	Willow Creek (Shasta County, below Greenhorn Mine to Clear Creek)	52463010	Acid Mine Drainage <i>All resource extraction sources are abandoned mines.</i>	Resource Extraction	4 Miles	2020
				Copper <i>All resource extraction sources are abandoned mines.</i>	Resource Extraction	4 Miles	2020
				Zinc <i>All resource extraction sources are abandoned mines.</i>	Resource Extraction	4 Miles	2020
5	R	Wolf Creek	51632010	Fecal Coliform	Agriculture Urban Runoff/Storm Sewers Recreational and Tourism Activities (non-boating)	23 Miles	2019

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ABBREVIATIONS

REGIONAL WATER QUALITY CONTROL BOARDS

- 1 North Coast
- 2 San Francisco Bay
- 3 Central Coast
- 4 Los Angeles
- 5 Central Valley
- 6 Lahontan
- 7 Colorado River Basin
- 8 Santa Ana
- 9 San Diego

WATER BODY TYPE

- B = Bays and Harbors
- C = Coastal Shorelines/Beaches
- E = Estuaries
- L = Lakes/Reservoirs
- R = Rivers and Streams
- S = Saline Lakes
- T = Wetlands, Tidal
- W = Wetlands, Freshwater

CALWATER WATERSHED

"Calwater Watershed" is the State Water Resources Control Board hydrological subunit area or an even smaller area delineation.

GROUP A PESTICIDES OR CHEM A

aldrin, dieldrin, chlordane, endrin, heptachlor, heptachlor epoxide, hexachlorocyclohexane (including lindane), endosulfan, and toxaphene