

Arizona's Total Maximum Daily Load Program - History and Current Status as of 06/17/09

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Bill Williams Watershed

Impaired Water	Pollutant(s) Covered	Status	Downloadable Information	Types of Point/ Nonpoint Sources	Approved by EPA	Implementation Plans/Activities	Staff Contact Name
Alamo Lake	Mercury	Updating Model.	Fact Sheet	Atmospheric deposition Abandoned mines	No	No	S. Fitch
Boulder Creek - Wilder Creek to Copper Creek	Arsenic	The final TMDL report has been completed.	TMDL Document	Hillside Mine (abandoned), remnant tailings piles	7/26/04	Part 1: Characterization Part 2: Implementation Plan	J. Sutter
	Copper						
	Zinc						

Colorado River/Grand Canyon Watershed

Impaired Water	Pollutant(s) Covered	Status	Downloadable Information	Types of Point/ Nonpoint Sources	Approved by EPA	Implementation Plans/Activities	Staff Contact Name
No past or current projects in this watershed							

Colorado River/Lower Watershed

Impaired Water	Pollutant(s) Covered	Status	Downloadable Information	Types of Point/ Nonpoint Sources	Approved by EPA	Implementation Plans/Activities	Staff Contact Name
Lower Colorado River - Yuma USGS Gage 0952110 to International Border	Nitrogen Phosphorus	The final TMDL report has been completed.	TMDL Document		1992	No	J. Sutter

Little Colorado River Watershed

Impaired Water	Pollutant(s) Covered	Status	Downloadable Information	Types of Point/ Nonpoint Sources	Approved by EPA	Implementation Plans/Activities	Staff Contact Name
Lake Mary (lower)	Mercury	Updating model and draft TMDL.	Fact Sheet	Under investigation	No	No	S. Fitch
Lake Mary (upper)	Mercury	Updating model and draft TMDL.	Fact Sheet	Under investigation	No	No	S. Fitch
Little Colorado River - Nutrioso to Carnero	Turbidity	The final TMDL report has been completed.	TMDL Document	ranching, golf course	09/30/02	No	J. Sutter
Little Colorado River - Porter Tank to McDonald's Wash	Copper	Sampling is ongoing.	Fact Sheet	unknown	No	No	J. Sutter
	Silver						
Little Colorado River - Water Canyon to Nutrioso	Turbidity	The final TMDL report has been completed.	TMDL Document Fact Sheet	ranching, golf course	09/30/02	No	J. Sutter
Long Lake	Mercury	Updating model and draft TMDL.		Under investigation	No	No	S. Fitch
Lyman Lake	Mercury	Sampling is ongoing.	Fact Sheet	Under investigation	No	No	D. Sversvold
Nutrioso Creek - headwaters to Little Colorado River	Turbidity	The final TMDL report has been completed.	TMDL Document	nonpoint sources, grazing	09/08/00	CWA 319 projects ongoing.	J. Sutter
Rainbow Lake	pH	The final TMDL	TMDL Document	historic	01/00	AZGF has	S. Fitch

				cycling			
Soldier's Annex Lake	Mercury	Updating model and draft TMDL.	Fact Sheet	Under investigation	No	No	S. Fitch
Soldier's Lake	Mercury	Updating model and draft TMDL.	Fact Sheet	Under investigation	No	No	S. Fitch

Middle Gila Watershed

Impaired Water	Pollutant(s) Covered	Status	Downloadable Information	Types of Point/ Nonpoint Sources	Approved by EPA	Implementation Plans/Activities	Staff Contact Name
French Gulch - headwaters to Hassayampa River	Cadmium	The final TMDL report has been completed.	TMDL Document	inactive mine	06/05	No	J. Sutter
	Copper						
	Zinc						
Hassayampa River - headwaters to Copper Creek	Cadmium	The final TMDL report has been completed.	TMDL Document	abandoned mines	11/25/02	No	J. Sutter
	Copper						
	Zinc						
Queen Creek - Headwaters to Superior WWTP	Copper	Developing model.	Fact Sheet	mining	No	No	K. Palmer
Queen Creek - Superior WWTP to Potts Canyon	Copper	Developing model.	Fact Sheet	mining	No	No	K. Palmer
Turkey Creek - tributary at 34°19'28"/112°21'28" to Poland Creek	Cadmium	The final TMDL report has been completed.	TMDL Document	Golden Belt Mine and Golden Turkey Mine (abandoned)	10/06	USFS has completed remediation of the Golden Belt and Golden Turkey mines.	J. Sutter
	Copper						
	Zinc						

Salt River Watershed

Impaired Water	Pollutant(s) Covered	Status	Downloadable Information	Types of Point/ Nonpoint Sources	Approved by EPA	Implementation Plans/Activities	Staff Contact Name
Christopher Creek - headwaters to Tonto Creek	E. Coli	The final E. Coli TMDL report has been completed.	TMDL Document	wildlife, recreation, septic systems	7/26/04	Various CWA 319 projects.	J. Sutter
Pinto Creek - headwaters to tributary at 33°19'27"/110°54'56"	Copper	EPA approved the Phase I TMDL in April 2001. ADEQ developing site specific standard.	TMDL Document Site-specific Standard Report Appendix A Appendix B	mining	04/01	CWA 319 project at Gibson Mine.	G. Olsen
Pinto Creek - tributary at 33°19'27"/110°54'56" to Ripper Springs	Copper	EPA approved the Phase I TMDL in April 2001. ADEQ developing site specific standard.	TMDL Document Site-specific Standard Report Appendix A Appendix B	mining	04/01	CWA 319 project at Gibson Mine.	G. Olsen
Pinto Creek - Ripper Spring to Roosevelt Lake	Copper	ADEQ developing site specific standard for Copper.	Site-specific Standard Report Appendix A Appendix B	mining	No	No	G. Olsen
	Selenium						
Salt River - headwaters to Roosevelt Lake	Phosphorus	The final TMDL report has been completed.	TMDL Document		1987	No	J. Sutter
Tonto Creek - headwaters to tributary at 34°48'10"/111°04'14"	Nitrogen	The final Nitrogen and E. Coli TMDL reports have been completed.	Nitrogen TMDL Document	wildlife, recreation, septic systems, fish hatchery	06/05	Various CWA 319 projects. Draft TMDL Implementation Plan	J. Sutter
	E. Coli		E.Coli TMDL Document		7/26/04		
Tonto Creek - tributary at	Nitrogen	The final Nitrogen and E. Coli TMDL	Nitrogen TMDL Document	wildlife, recreation,	06/05	Various CWA 319 projects.	J. Sutter

34°48'10"/111°04'14" to Haigler Creek	E. Coli	reports have been completed.	E.Coli TMDL Document	septic systems, fish hatchery	7/26/04	Draft TMDL Implementation Plan	
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San Pedro Watershed

Impaired Water	Pollutant(s) Covered	Status	Downloadable Information	Types of Point/ Nonpoint Sources	Approved by EPA	Implementation Plans/Activities	Staff Contact Name
Brewery Gulch - Wildcat Canyon to Mule Gulch	Copper	Site-specific standard modeling is ongoing.		Natural background	No	Freeport McMahon has implemented stormwater measures.	G. Olsen
Mule Gulch - Bisbee WWTP to Highway 80 Bridge	Cadmium	Site-specific standard modeling is ongoing.		Natural background	No	Freeport McMahon has implemented stormwater measures.	G. Olsen
	Copper						
	pH						
	Zinc						
Mule Gulch - above Lavendar Pit to Bisbee WWTP	Copper	Site-specific standard modeling is ongoing.		Natural background	No	Freeport McMahon has implemented stormwater measures.	G. Olsen
	pH						
Mule Gulch - headwaters to above Lavendar Pit	Copper	Site-specific standard modeling is ongoing.		Natural background	No	Freeport McMahon has implemented stormwater measures.	G. Olsen
San Pedro River - Aravaipa Creek to Gila River	E. coli and selenium	Sampling is ongoing.	Fact Sheet	Under investigation	No	No	J. Sutter
San Pedro - Babocomari to Dragoon Wash	E. Coli	Sampling is ongoing.	Fact Sheet	Under investigation	No	No	J. Sutter

Santa Cruz River Watershed

Impaired Water	Pollutant(s) Covered	Status	Downloadable Information	Types of Point/ Nonpoint Sources	Approved by EPA	Implementation Plans/Activities	Staff Contact Name
Alum Gulch - headwaters to ephemeral reach	Cadmium	The final TMDL report has been completed.	TMDL Document	abandoned mines, natural background	08/03	USFS has completed remediation of the World's Fair and Humboldt Canyon mines. Draft TMDL Implementation Plan	J. Sutter
	Copper						
	pH						
	Zinc						
Arivaca Lake	Hg	The final TMDL report has been completed.	TMDL Document		1999		S. Fitch
Harshaw Creek - headwaters to ephemeral segment	Copper	The final TMDL report has been completed.	TMDL Document	abandoned mines, natural background	08/03	No	J. Sutter
	pH						
	Zinc						
Lakeside Lake	Dissolved Oxygen	The final TMDL report has been completed.	TMDL Document	reclaimed water, stormwater	No		S. Fitch
	Ammonia						
	Nutrients						
	pH						
Nogales Wash - Mexico Border to Potrero Creek	E. Coli	Sampling is ongoing.		Under investigation	No	No	J. Sutter
	Ammonia						
	Chlorine						
	Copper						
Parker Canyon Lake	Mercury	Model is being developed.	Fact Sheet	Under investigation	No	No	S. Fitch

Pena Blanca Lake	Hg	The final TMDL report has been completed.	TMDL Document	Abandoned mines, atmospheric deposition	1999	USFS remediate St. Patrick mine and is dredging the lake.	S. Fitch
Santa Cruz River - Mexico Border to Nogales Int'l WWTP Discharge	E. Coli	Sampling is ongoing.		Under investigation	No	No	J. Sutter
Three R Canyon - headwaters to ephemeral segment	Cadmium	The final TMDL report has been completed.	TMDL Document	abandoned mines, natural background	08/03	No	J. Sutter
	Copper						
	Zinc						

Verde River Watershed

Impaired Water	Pollutant(s) Covered	Status	Downloadable Information	Types of Point/ Nonpoint Sources	Approved by EPA	Implementation Plans/Activities	Staff Contact Name
East Verde River - American Gulch to Verde River	Arsenic and boron			Under investigation	No	No	K. Palmer
Oak Creek - headwaters to Verde River	Nitrogen	The final TMDL report has been completed.	TMDL Document		1987	CWA 319 projects ongoing.	J. Sutter
	Phosphorus						
Oak Creek - headwaters to Verde River	Nitrogen	The final TMDL report has been completed.	TMDL Document	fish hatcheries, wildlife, recreation, septic systems	1999	Various CWA 319 projects.	J. Sutter
	Phosphorus						
	Fecal Coliform	The final TMDL report has been completed. CWA 319 projects ongoing.	TMDL Document				S. Fitch J. Sutter
	E. coli						
Munds Creek - headwaters to Oak Creek	Nitrogen	The final TMDL report has been completed.	TMDL Document	waste water treatment plant	1999	NPDES	J. Sutter
	Phosphorus						
Peck's Lake	DO	The final TMDL report has been completed.	TMDL Document	internal nutrient cycling	05/14/02	Stormwater permit (NPDES)	S. Fitch
	pH						
	Nutrients						
Stoneman Lake	DO	The final TMDL report has been completed.	TMDL Document	internal nutrient cycling	09/08/00	CWA 319 projects are ongoing.	S. Fitch
	pH						
	Nutrients						
Verde River - 15060203 to Above West Clear Creek	Turbidity	The final TMDL report has been completed.	TMDL Document	grazing, recreational uses	05/14/02	USFS has implemented grazing, road, grassland and	J. Sutter

						stream restoration BMPs.	
Verde River - 15060202-065 to Below Railroad Draw	Turbidity	The final TMDL report has been completed.	TMDL Document	grazing, recreational uses	05/14/02	USFS has implemented grazing, road, grassland and stream restoration BMPs.	J. Sutter
Verde River - Oak Creek to Fossil Creek	Nitrogen	The final TMDL report has been completed.	TMDL Document		1987	No	J. Sutter
	Phosphorus						
Verde River Sycamore Creek - Oak Creek	Turbidity	The final TMDL report has been completed.	TMDL Document	grazing, recreational uses	05/14/02	USFS has implemented grazing, road, grassland and stream restoration BMPs.	J. Sutter
Watson Lake	Nitrogen, dissolved oxygen, pH	Sampling is ongoing.		Under investigation	No	No	S. Fitch

Upper Gila Watershed

Impaired Water	Pollutant(s) Covered	Status	Downloadable Information	Types of Point/ Nonpoint Sources	Approved by EPA	Implementation Plans/Activities	Staff Contact Name
Gila River - Bonita Creek to Yuma Wash	E. coli and sediment	Developing draft TMDL.	Public Notice Draft TMDL E. coli Draft TMDL sediment Fact Sheet	Under investigation	No	No	D. McCarty
Gila River - New Mexico Border Bitter Creek	E. coli and sediment	Developing draft TMDL.	Public Notice Draft TMDL E. coli Draft TMDL sediment Fact Sheet	Under investigation	No	No	D. McCarty
Gila River - Skully Creek to San Francisco River	Selenium	Developing draft TMDL.	Fact Sheet	Under investigation	No	No	D. McCarty
Luna Lake	Nitrogen	The final TMDL report has been completed.	Fact Sheet	internal nutrient cycling, wildlife, grazing, septic systems	09/08/00	In Process	S. Fitch
	Phosphorus						
	pH						
	DO						