

SUMMARY OF TMDLS WITH AG DISCHARGES AS A SOURCE

Total Maximum Daily Load(s)

Irrigated Agriculture Lands Listed as Pollutant Source

TMDL Project Name	Pollutant of Concern	Load Allocations*	TMDL Time Schedule
Arroyo Paredon Diazinon TMDL	Additive toxicity (chlorpyrifos and diazinon)	≤ 1.0 Toxicity Unit	3/1/2019
	Diazinon	0.10 µg/L - 0.16 µg/L	
Arroyo Paredon Nitrate TMDL	Nitrate, as N	10 mg/L	10/1/2016
Bell Creek Nitrate TMDL	Nitrate, as N	10 mg/L	10/1/2016
Franklin Creek Nutrients TMDL	Nitrate, as N	10 mg/L	3/4/2044
	Total Nitrogen, as N	1.1 mg/L - 8.0 mg/L	
	Total Phosphorus	0.075 mg/L - 0.3 mg/L	
Glen Annie Canyon, Tecolotito Creek, and Carneros Creek Nitrate TMDL	Nitrate, as N	10 mg/L	10/1/2016
Los Berros Creek TMDL for Nitrate	Nitrate, as N	10 mg/L	6/11/2024
Los Osos Creek, Warden Creek, and Warden Lake Wetland TMDL for Nutrients	Nitrate, as N	10 mg/L	3/1/2015
Lower Salinas River Watershed Chlorpyrifos and Diazinon TMDL	Additive toxicity (chlorpyrifos and diazinon)	≤ 1.0 Toxicity Unit	1/1/2025
	Chlorpyrifos	0.015 µg/L - 0.025 µg/L	
	Diazinon	0.10 µg/L - 0.16 µg/L	
Lower Salinas River Watershed Nutrient TMDL	Ammonia (Un-ionized), as N	0.025 mg/L	5/7/2044
	Nitrate, as N	1.4 mg/L - 8.0 mg/L	
	Orthophosphate, as P	0.07 mg/L - 0.3 mg/L	
Lower Salinas River Watershed Sediment Toxicity and Pyrethroids in Sediment TMDL	Bifenthrin	0.0006 µg/L - 0.004 µg/L	6/2/2033
	Cyfluthrin	0.00005 µg/L - 0.0003 µg/L	
	Lambda-cyhalothrin	0.0005 µg/L - 0.001 µg/L	
	Sediment Toxicity (Pyrethroids)	< 1.0 Toxicity Unit	
Morro Bay Sediment TMDL	Sediment	285 to 6,662 tons/year	12/3/2053
Pajaro River Basin Nutrient TMDL	Ammonia (Un-ionized), as N	0.025 mg/L	7/12/2041
	Nitrate, as N	1.8 mg/L - 10 mg/L	
	Total Nitrogen, as N	1.1 mg/L - 8.0 mg/L	
	Orthophosphate, as P	0.04 mg/L - 0.3 mg/L	
Pajaro River Sediment TMDL	Suspended Sediment	90 - 1,808 mg/L	11/27/2051
	Streambed Sediment	Percent fine fines (<0.85 mm in spawning gravels) ≤ 21%	
		Percent coarse fines (<6.0 mm in spawning gravels) ≤ 30%	
		Residual pool volume; max values ≤ 0.45; mean values ≤ 0.21	

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		Mean diameter (D ₅₀) of sediment particles in spawning gravels \geq 37 mm minimum values; \geq 69 mm mean values	
Pajaro River Watershed Chlorpyrifos and Diazinon TMDL	Additive toxicity (chlorpyrifos and diazinon)	\leq 1.0 Toxicity Unit	10/1/2016
	Chlorpyrifos	0.015 μ g/L - 0.025 μ g/L	
	Diazinon	0.10 μ g/L - 0.16 μ g/L	
San Antonio Creek Nitrate TMDL	Nitrate, as N	10 mg/L	11/1/2020
San Luis Obispo Nitrate TMDL	Nitrate, as N	10 mg/L	1/1/2012
Santa Maria River Watershed Nutrients TMDL	Ammonia (Un-ionized), as N	0.025 mg/L	5/22/2044
	Nitrate, as N	4.3 mg/L - 10 mg/L	
	Orthophosphate, as P	0.08 mg/L - 0.3 mg/L	
Santa Maria River Watershed Toxicity and Pesticide TMDL	Additive Toxicity (chlorpyrifos and diazinon)	\leq 1.0 Toxicity Unit	10/29/2016
	Chlorpyrifos	0.015 μ g/L - 0.025 μ g/L	
	Diazinon	0.10 μ g/L - 0.16 μ g/L	
	Bifenthrin	0.0006 - 0.004 μ g/L μ g/L	10/29/2029
	Cyfluthrin	0.00005 μ g/L - 0.0003 μ g/L	
	Lambda-cyhalothrin	0.0005 μ g/L - 0.001 μ g/L	
	Sediment Toxicity	< 1.0 Toxicity Unit	
	Chlordane	1.7 μ g/kg (3-year average)	10/29/2044
	DDD	9.1 μ g/kg (3-year average)	
	DDE	5.5 μ g/kg (3-year average)	
	DDT	6.5 μ g/kg (3-year average)	
	DDT, Total	10 μ g/kg (3-year average)	
	Dieldrin	0.14 μ g/kg (3-year average)	
	Endrin	550 μ g/kg (3-year average)	
Malathion	0.028 μ g/L - 0.17 μ g/L		
Toxaphene	20 μ g/kg (3-year average)		

*Load allocations expressed as a range of values reflect individual load allocations (i.e., dry weather load allocation and wet weather load allocation).