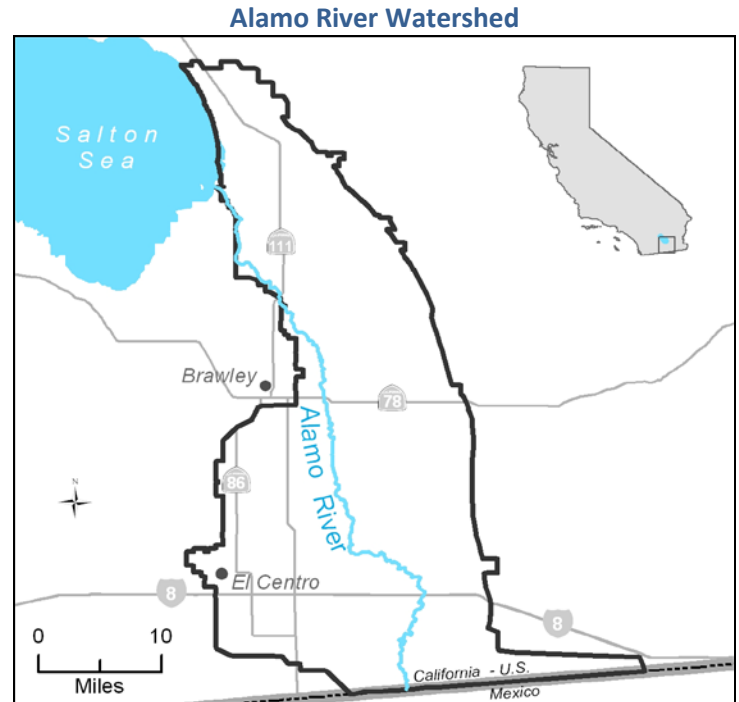


Total Maximum Daily Load Progress Report		Alamo River Sediment TMDL
Regional Water Board	Colorado River Basin, Region 7	STATUS <input type="checkbox"/> Conditions Improving <input type="checkbox"/> Data Inconclusive <input checked="" type="checkbox"/> Improvement Needed <input type="checkbox"/> TMDL Achieved/Waterbody Delisted
Beneficial uses affected	WARM, WILD, RARE, REC1, REC2	
Pollutant(s) addressed:	Silt (TSS and Turbidity)	
Implemented through:	ICFB, IID, Prohibition	
Approval date:	June 2002	

TMDL summary:

The Alamo River originates in Mexico about half mile south of the International Boundary, and flows northward into the United States to its terminus at the Salton Sea in Imperial County, California. The Alamo River is dominated by discharges from Imperial Valley agriculture. The sediment concentrations exceed the water quality objectives established to protect warm water ecosystems, endangered species, and recreational beneficial uses of the Alamo River. [A TMDL for sediment](#) in the Alamo River was completed by the Colorado River Basin Water Board (Regional Water Board) and approved by USEPA in June 2002. A sediment conditional prohibition for Imperial Valley was also adopted by the Regional Water Board and approved by USEPA in 2005. The TMDL implementation relies on controlling sediment or total suspended solids (TSS) from agricultural runoff by the agricultural community in Imperial Valley. The TMDL targets are being implemented in 4 phases over 12 years.



TMDL Waste Load Allocations/Load Allocations

TMDL Targets

Phase	Time Period	Estimated Reduction*	Target (TSS mg/L)
Phase 1	2002-2005	15%	320
Phase 2	2006-2008	25%	240
Phase 3	2009-2011	10%	216
Phase 4	2012-2014	8%	200

* Percent reductions indicate the reduction required in TSS at the end of each phase, starting with the (2002) average concentration of 377 mg/L.

Water Quality Outcomes

- Conditions of the Alamo River have not improved over a period of 9 years.
- Results at the outlet and near the outlet locations (Drop 3 and 6) are inconclusive and do not always meet the TMDL Target.
- Results at the Border and near the border locations (Drop 10 and 8) always meet the TMDL Target.
- Sediment loading from agricultural runoff is variable.
- TMDL Implementation Program needs to be revised.

Alamo River Water Quality

Total Suspended Solids (TSS) for the Alamo River

