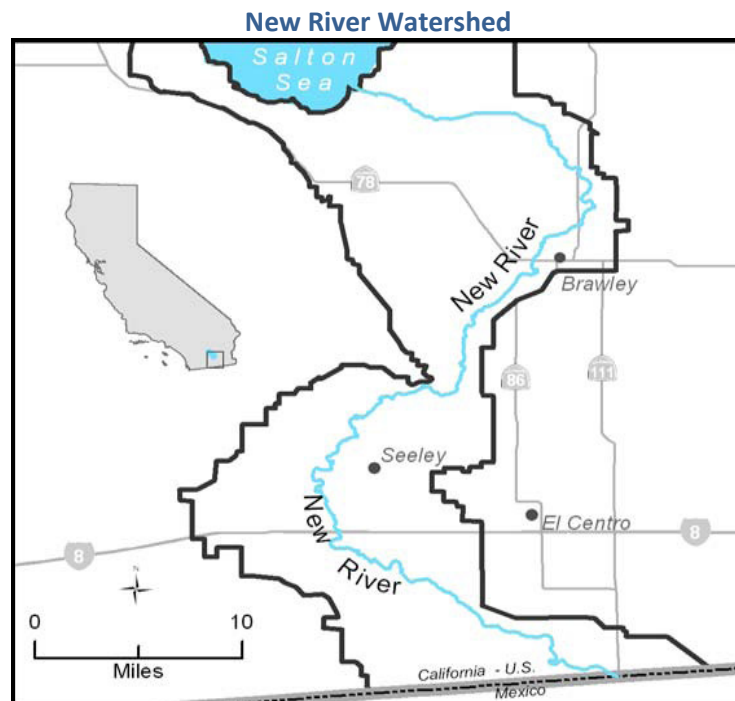


Total Maximum Daily Load Progress Report		New River Sediment TMDL	
Regional Water Board	Colorado River Basin, Region7	STATUS	<input type="checkbox"/> Conditions Improving
Beneficial uses affected	WARM, WILD, RARE, REC1, REC2		<input type="checkbox"/> Data Inconclusive
Pollutant(s) addressed:	Silt (TSS and Turbidity)		<input checked="" type="checkbox"/> Improvement Needed
Implemented through:	ICFB, IID, Prohibition		<input type="checkbox"/> TMDL Achieved/Waterbody Delisted
Approval date:	March 2003		

TMDL summary: The New River originates in Mexico about twenty miles south of the International Boundary, and flows northward into the United States to its terminus at the Salton Sea in Imperial County, California. The New River is dominated by wastewater discharges from Imperial Valley agriculture in U.S. and Mexico's agriculture and industry. The sediment concentrations exceed the water quality objectives established to protect warm water ecosystems, endangered species, and recreational beneficial uses of the New 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 March 2003. A sediment conditional prohibition the 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	2003-2006	5%	229
Phase 2	2007-2009	7%	213
Phase 3	2010-2012	4%	204
Phase 4	2013-2015	2%	200

* Percent reductions indicate the reduction required in TSS at the end of each phase, starting with the (2002) average concentration of 306 mg/L.

Water Quality Outcomes

- Conditions of the New River have not improved over a period of 8 years.
- Results at the outlet and near the outlet (Drop 2) are inconclusive and do not always meet the TMDL Target.
- Results at the International Border and near the border (Even Hewes) always meet the TMDL Target.
- Sediment loading from agricultural runoff is variable.
- The TMDL Implementation Program needs to be revised.

New River Water Quality

