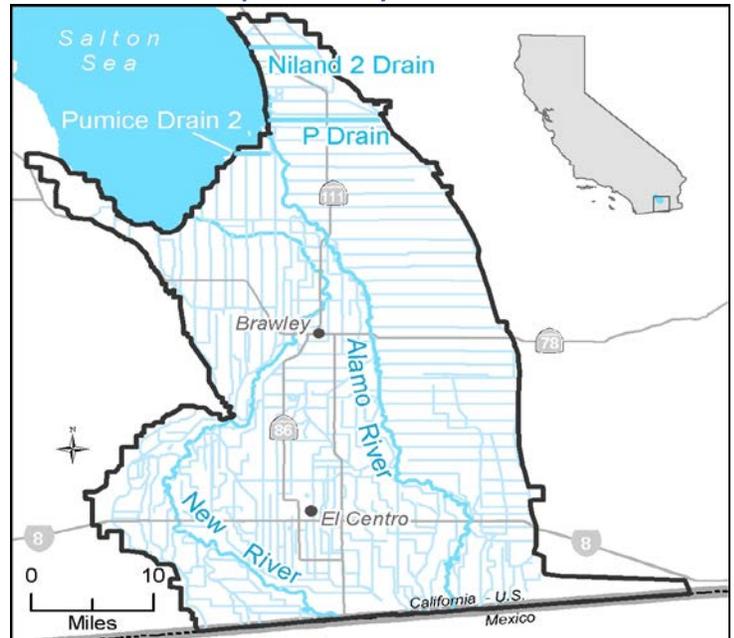


Total Maximum Daily Load Progress Report	
Regional Water Board	Colorado River Basin, Region 7
Beneficial uses affected	WARM, WILD, RARE, REC1, REC2
Pollutant(s) addressed:	Silt (TSS and Turbidity)
Implemented through:	ICFB, IID, Prohibition
Approval date:	June 2005

Imperial Valley Drains Sediment TMDL	
STATUS	<input type="checkbox"/> Conditions Improving
	<input type="checkbox"/> Data Inconclusive
	<input checked="" type="checkbox"/> Improvement Needed
	<input type="checkbox"/> TMDL Achieved/Waterbody Delisted

TMDL summary: Imperial Valley (IV) drains are sustained and dominated by agricultural return flows discharged from Imperial Valley farmland. IV drains in this document discharge directly into the Salton Sea. The sediment concentrations exceed the water quality objectives established to protect warm water ecosystems, endangered species, and recreational beneficial uses of the IV drains. A TMDL for sediment in the IV drains and an Imperial Valley agricultural sediment conditional prohibition were adopted by the Colorado River Basin Water Board (Regional Water Board) and approved by USEPA in June 2005. The TMDL includes allocations that apply to Niland 2, P, and Pumice drains and their tributary drains, and includes an Implementation Plan for all IV drains. 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 11 years.

Imperial Valley Watershed



TMDL Waste Load Allocations/Load Allocations

TMDL Targets			
Phase	Time Period	Estimated Reduction*	Target (TSS mg/L)
Phase 1	2005-2006	10%	376
Phase 2	2007-2009	25%	282
Phase 3	2010-2012	20%	226
Phase 4	2013-2015	12%	200

* Percent reductions indicate the reduction required in TSS at the end of each phase, starting with the (2002) average concentration of 418 mg/L.

Water Quality Outcomes

- Overall conditions of the Imperial Valley Drains have not improved over a period of 6 years.
- Results are uncertain. P drain sediment concentrations are increasing over time. Pumice and Niland 2 drains sediment concentrations are meeting the Target.
- Sediment loading from agricultural runoff is variable.
- The TMDL Implementation Program needs to be revised.

Imperial Valley Drains Water Quality

