

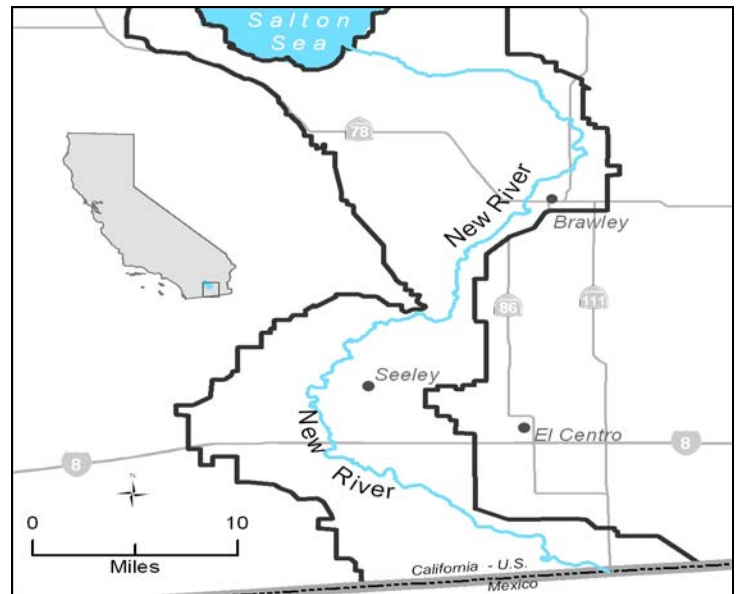
Total Maximum Daily Load Progress Report	
Regional Water Board	Colorado River Basin, Region 7
<u>Beneficial uses affected</u>	REC1, REC2
Pollutant(s) addressed:	Fecal Coliform, E. Coli, Enterococci
Implemented through:	NPDES, IBWC
Approval date:	August 2002

New River Pathogen TMDL	
<b>STATUS</b>	<input checked="" type="checkbox"/> Conditions Improving
	<input type="checkbox"/> Data Inconclusive
	<input checked="" type="checkbox"/> Improvement Needed
	<input type="checkbox"/> TMDL Achieved/Waterbody Delisted

**TMDL summary:**

The New River starts about 16 miles south of Calexico in the Mexicali Valley, Mexico. Bacteria, which are pathogen-indicator organisms, impair the entire segment of the New River in the United States. Pollution is most severe at the International Boundary due to discharges of wastes from Mexico. The bacterial concentrations exceed the water quality objectives established to protect recreational beneficial uses of the New River. [A TMDL for pathogens in the New River](#) was completed by the Colorado River Basin Regional Board and approved by US EPA in August 2002. The TMDL implementation relies on controlling pathogens in wastewater discharges in the U.S. and at the International Boundary. The Regional Board does not have jurisdictional authority over Mexico, and relies on cooperation from Mexico and the U.S. government to reduce waste that crosses the International Boundary.

**New River Pathogen TMDL**



**TMDL Waste Load Allocations/Load Allocations**

Indicator Parameter	WLA's and LA's	
	30-Day Log Mean <sup>a</sup>	Maximum
Fecal Coliforms	200 MPN <sup>b</sup> /100ml	c
E. coli	126 MPN/100 ml	400 MPN/100 ml
Enterococci	33 MPN/100 ml	100 MPN/100 ml

a. Based on a minimum of no less than 5 samples equally spaced over a 30-day period.  
 b. Most probable number.  
 c. No more than 10% of total samples during any 30-day period shall exceed 400 MPN/100 ml.

**Water Quality Outcomes**

- Significant reductions in E. coli and fecal coliform loading from Mexico at the International Border.
- Significant pathogens loading reduction after Las Arenitas WWTF started operating in Mexico in 2007.
- Negotiations are on going to disinfect the river at the International Border to bring it into compliance.

**New River Pathogen Water Quality**

