

Total Maximum Daily Load Progress Report		Chorro Creek Dissolved Oxygen TMDL	
Regional Water Board	Region 3- Central Coast	<b>STATUS</b>	<input type="checkbox"/> Conditions Improving
<u>Beneficial uses affected</u>	COLD, WARM, MUN		<input type="checkbox"/> Data Inconclusive
Pollutant(s) addressed:	Dissolved Oxygen		<input type="checkbox"/> Improvement Needed
Implemented through:	Regulatory and non-regulatory Action		<input checked="" type="checkbox"/> TMDL Achieved/Waterbody Delisted
Approval date:	USEPA approved July, 2007		

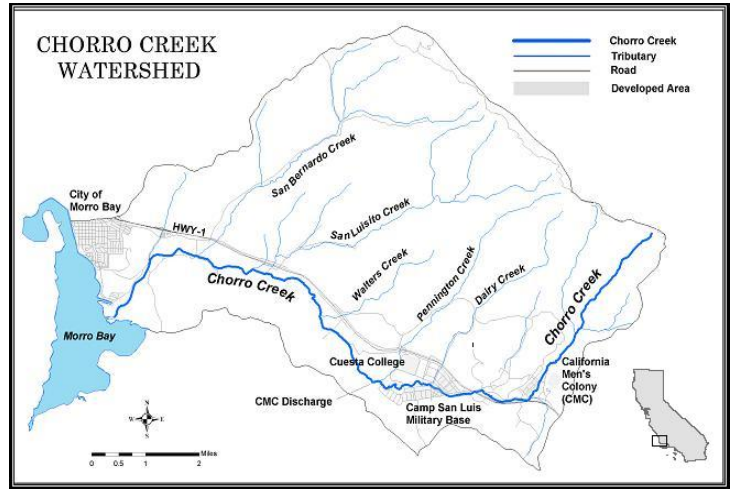
**TMDL summary:**

**Chorro Creek** is on the 303(d) list of impaired waters for low dissolved oxygen. Dissolved oxygen (DO) concentrations in the lower reaches of the Creek were not protective of cold freshwater habitat (COLD). To be protective of the COLD beneficial use, the TMDL established a numeric target for DO. Achieving the numeric target for DO concentration means that the dissolved oxygen concentration will not fall below 7.0 mg/L as measured in lower Chorro Creek.

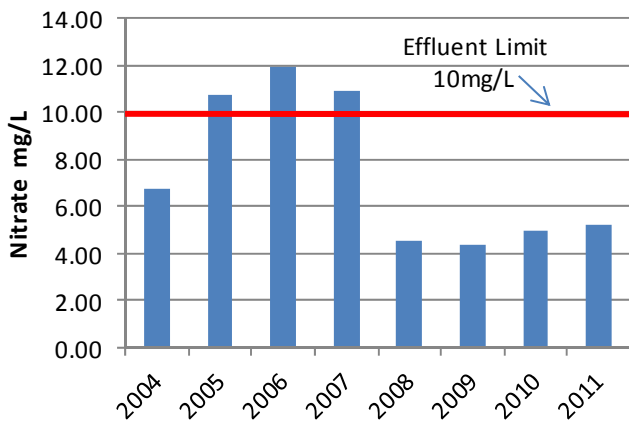
The TMDL is implemented through a required upgrade of the California Men's Colony (CMC) wastewater treatment facility and non-regulatory control efforts on privately owned properties. The actions address:

- Modification of the CMC wastewater discharge;
- Watershed improvements in the riparian zone.

**Chorro Creek Watershed**



**Nitrate in Discharge to Chorro Creek (Discharge to Chorro Creek)**



**Water Quality Outcomes**

- Evaluation of data collected since 2007 concludes that 102 of 111 samples met the dissolved oxygen water quality objective for the COLD beneficial use
- The data indicate that TMDL is being achieved for dissolved oxygen.
- Chorro Creek was “delisted” for dissolved oxygen in 2010.
- A shading restoration project was completed in lower Chorro Creek in 1997; stream shading is improving.
- There is insufficient data at this time to determine if load allocations for shading are being achieved.

**Chorro Creek Dissolved Oxygen**

