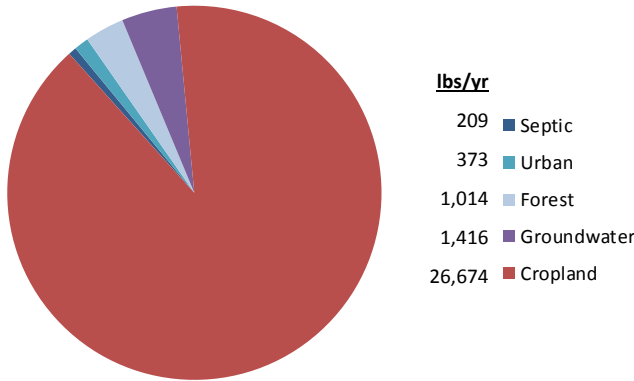


Water Quality Report Card		Nitrate in Arroyo Paredon Watershed	
Regional Water Board:	Central Coast, Region 3	STATUS	<input type="checkbox"/> Conditions Improving
Beneficial Uses Affected:	MUN		<input type="checkbox"/> Data Inconclusive
Implemented Through:	Conditional Waiver of WDR		<input checked="" type="checkbox"/> Improvement Needed
Effective Date:	December 2013		<input type="checkbox"/> Targets Achieved/Waterbody Delisted
Attainment Date:	2016	Pollutant Type:	<input type="checkbox"/> Point Source <input checked="" type="checkbox"/> Nonpoint Source <input checked="" type="checkbox"/> Legacy

Water Quality Improvement Strategy

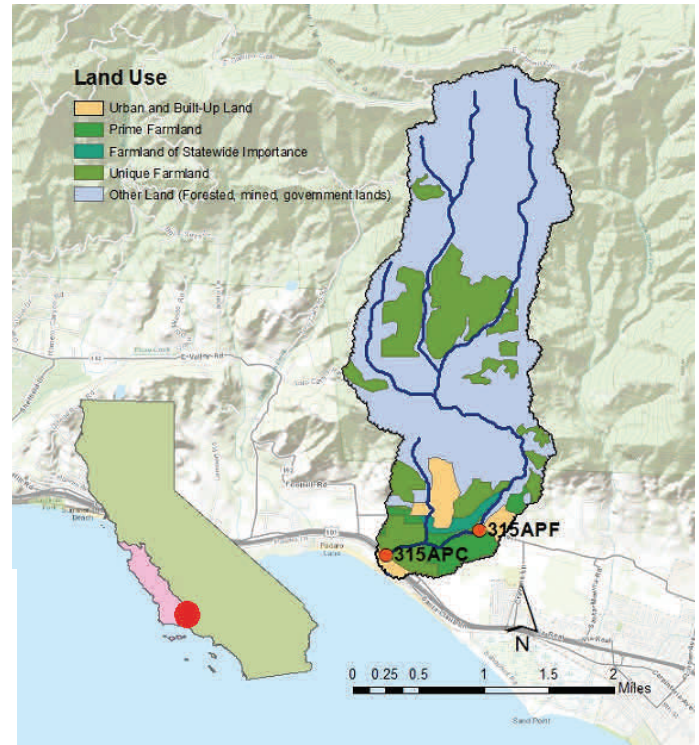
The Arroyo Paredon Watershed, covering approximately 3,124 acres, is located in Santa Barbara County. Arroyo Paredon was added to the 2010 303(d) list due to exceedances of water quality objectives for nitrate. Specifically, discharges of nitrate from agriculture exceed the water quality objectives for municipal and domestic water supply. Agriculture accounts for more than 70 percent of the watershed's land use and is identified as the primary source of nitrate. To address the impairment, the Central Coast Regional Water Quality Control Board (Central Coast Water Board) adopted the [Arroyo Paredon Nitrate TMDL](#) in 2013. The TMDL established a numeric target (10 mg/L nitrate as N) and load allocations for nitrate. The TMDL is implemented through the Central Coast Regional Water Board's [2012 Conditional Waiver of Waste Discharge Requirements for Discharges from Irrigated Lands in the Central Coast Region](#) (Ag Order), and accompanying Monitoring and Reporting Program^a. The TMDL implementation schedule calls for achieving numeric targets by October 2016.

Total Nitrate Load by Land Uses in Arroyo Paredon (lbs/yr)*



*Pie Chart adapted from Figure 10 in [Arroyo Paredon Nitrate TMDL Technical Project Report](#).

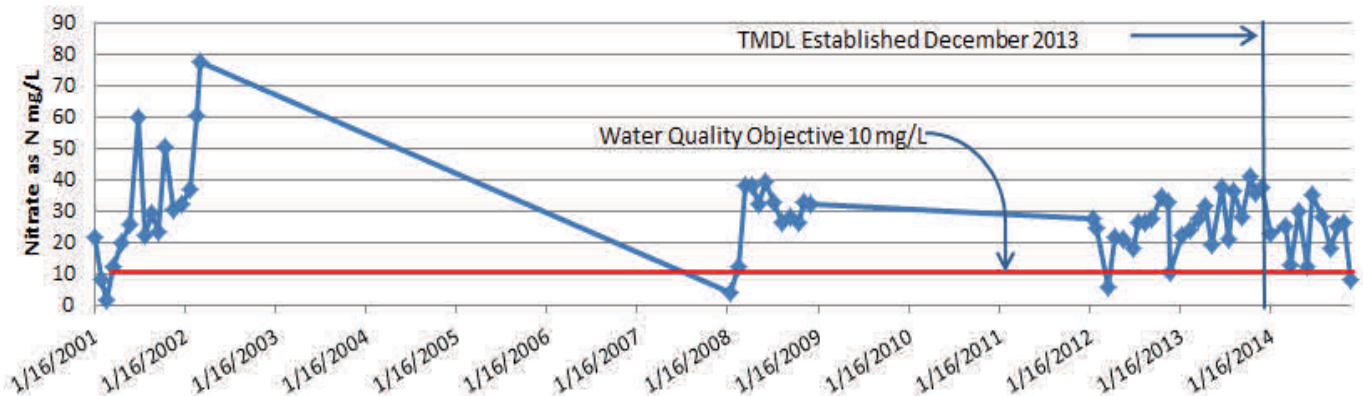
Arroyo Paredon Watershed



Water Quality Outcomes

- Water quality data demonstrates that nitrate targets are exceeded at monitoring station 315APC.
- Water quality monitoring in 2012, 2013, and 2014 confirms that additional implementation actions are necessary to reduce elevated nitrate levels in Arroyo Paredon Watershed.
- Implementation of the Ag Order has resulted in increased stakeholder participation.
- Central Coast Water Board staff will continue Ag Order implementation and monitoring efforts to track the progress in attaining water quality objectives.

Nitrate Concentrations in Arroyo Paredon Creek at Monitoring Site 315APC



^aSee [Central Coast Ambient Monitoring Program \(CCAMP\)](#) website for additional water quality monitoring data.