Water Quality Report Card		Nutrients in Corralitos and Salsipuedes Creeks – Pajaro River Watershed	
Regional Water Board:	**Central Coast, Region 3**	**STATUS**	☐ Conditions Improving ☑ Data Inconclusive ☐ Improvement Needed ☐ Targets Achieved/Water Body Delisted
Beneficial Uses Affected:	MUN, COLD, WARM, SPWN		
Implemented Through:	Conditional Waiver of WDRs	**Pollutant Type:**	☐ Point Source ☑ Nonpoint Source ☐ Legacy
Effective Date:	July 12, 2016 (TMDL)	**Pollutant Source:**	Irrigated Crop Production
Attainment Date:	2026		Urban Storm Water Runoff

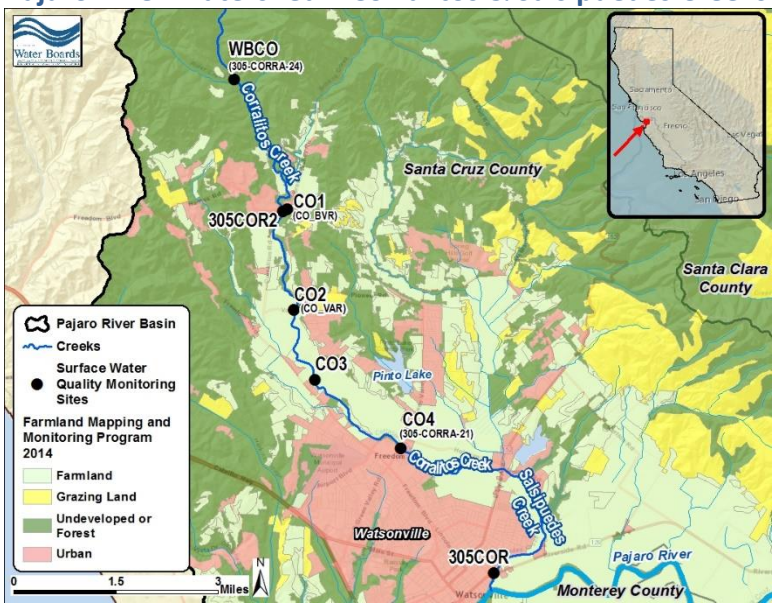
Water Quality Improvement Strategy

The Pajaro River Watershed encompasses approximately 832,000 acres and lies within Monterey, San Benito, Santa Cruz, and Santa Clara counties. The combined subwatersheds for Corralitos and Salsipuedes Creeks comprise close to 33,700 acres of the watershed. The current dominant land use is agriculture (including irrigated cropland and grazing lands), with increasing transition to urban use. Multiple streams in the Pajaro River watershed are impaired due to exceedances of water quality criteria for nitrate, un-ionized ammonia, and associated nutrient-related problems and as a result, do not support beneficial uses. The Pajaro River Basin Nutrients TMDL was adopted in July 2016 to address the impairments. The TMDL establishes numeric targets and load allocations for a variety of nutrients in the watershed, including nitrate. Discharges from irrigated agriculture were established as the primary controllable source of nutrient pollutants within this subwatershed. The 2017 Conditional Waiver of Waste Discharge Requirements for Discharges from Irrigated Lands (Agricultural Order) implements the TMDL. The TMDL implementation schedule calls for achieving numeric targets for nitrate and other nitrogen compounds by 2026. The pollutant addressed in this report card is nitrate as nitrogen (NO_3-N).

TMDL Waste Load Allocations – Receiving Water Concentrations

FINAL WASTE LOAD ALLOCATIONS FOR RECEIVING WATERS		
	Dry season (May 1-Oct. 31)	**Wet season (Nov. 1-Apr. 30)**
Aquatic Habitat	**1.8** mg/L Nitrate as N	**8.0** mg/L Nitrate as N
Human Health	**Year-round** **10** mg/L Nitrate as N	

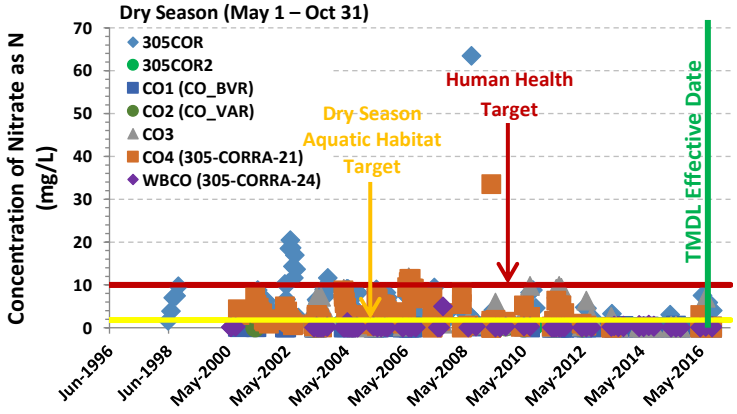
Pajaro River Watershed – Corralitos & Salsipuedes Creeks

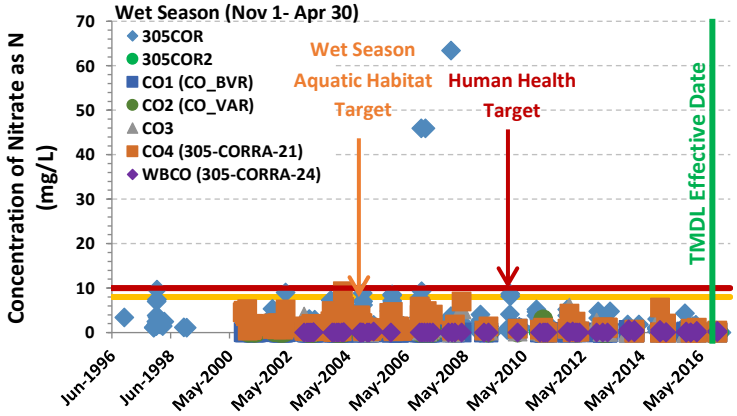


Water Quality Outcomes

- *There are a limited number of water quality samples since the TMDL became effective in 2016. However, additional surface water quality data is being collected in the Pajaro River watershed during the 2017 Central Coast Ambient Monitoring Program (CCAMP) sampling rotation. Additional assessments will be necessary to determine future status and water quality conditions.*
- *Grab sample nitrate concentrations have generally been below the Human Health numeric target of 10 mg/L since the TMDL became effective, especially in the upper watershed.*
- *Dry season (May 1 – Oct. 31) nitrate concentrations continue to exceed the Aquatic Habitat numeric target of 1.8 mg/L.*
- *Wet season (Nov. 1 – Apr. 30) nitrate concentrations have generally been below the Aquatic Habitat numeric target of 8 mg/L.*

Nitrate-N Concentrations at Corralitos and Salsipuedes Creeks Surface Water Quality Monitoring Sites





November, 2017