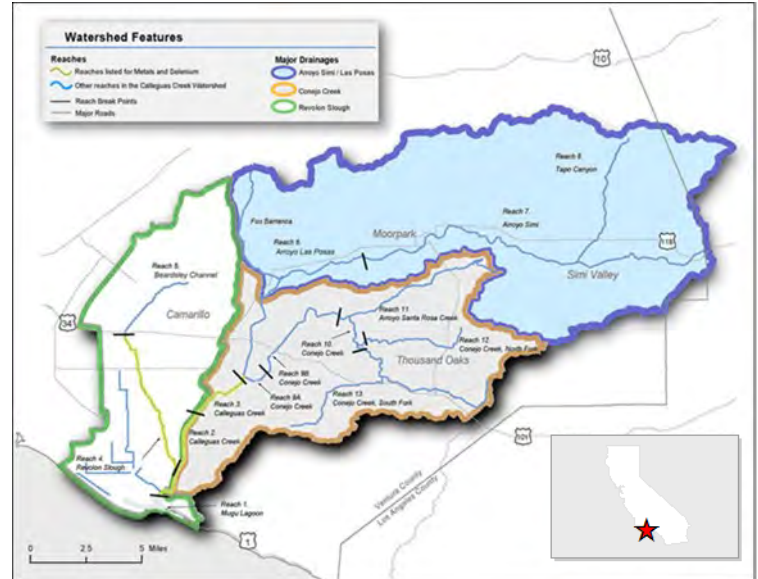


Water Quality Report Card		Metals and Selenium in Calleguas Creek Watershed					
Regional Water Board:	Los Angeles, Region 4	STATUS	<input checked="" type="checkbox"/> Conditions Improving				
Beneficial Uses Affected:	WILD, RARE, WARM, WET		<input type="checkbox"/> Data Inconclusive				
Implemented Through:	NDPES Permits , MS4 Permits , Agricultural Conditional Waiver		<input type="checkbox"/> Improvement Needed				
Effective Date:	March 26, 2007 (TMDL)	Pollutant Type:	<input checked="" type="checkbox"/> Point Source <input checked="" type="checkbox"/> Nonpoint Source <input checked="" type="checkbox"/> Legacy				
Attainment Date:	March 2017 (WWTPs) March 2022 (MS4 and Agricultural)	Pollutant Source:	<table border="1"> <tr> <td>WWTPs</td> <td>Urban Water Runoff</td> </tr> <tr> <td>Agricultural Runoff</td> <td>Groundwater Seepage</td> </tr> </table>	WWTPs	Urban Water Runoff	Agricultural Runoff	Groundwater Seepage
WWTPs	Urban Water Runoff						
Agricultural Runoff	Groundwater Seepage						

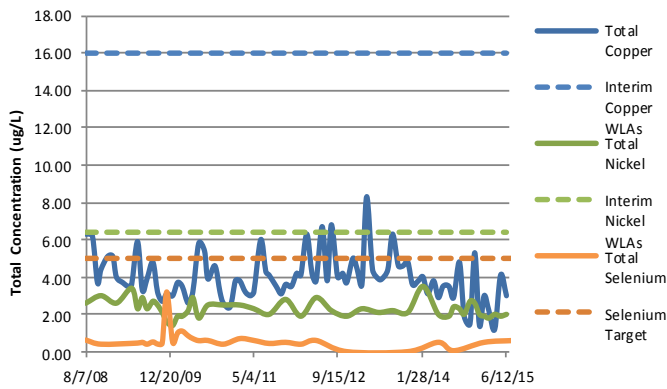
Water Quality Improvement Strategy

Calleguas Creek and its tributaries are located in southeast Ventura County and a small portion of Los Angeles County. Revolon Slough, Calleguas Creek Reach 2, and Mugu Lagoon are included on the State's 303(d) List of impaired waters for metals (copper, nickel, and mercury) and selenium. [The Calleguas Creek Watershed Metals TMDL](#) focuses on reducing metals and selenium concentrations, and has assigned waste load allocations (WLAs) to major sources including wastewater treatment plants (WWTPs), municipal storm water systems (MS4s), and agricultural dischargers. WWTPs are required to reduce loadings such that their discharges are 50 percent of the way to meeting the final TMDL WLA targets by March 2015, and are required to meet final TMDL WLA targets by March 2017. Agricultural and urban dischargers are required to be 50 percent of the way to meeting the final TMDL WLA targets by March 2017 and are required to meet final TMDL WLA targets by March 2022.

Calleguas Creek Watershed



Copper, Nickel, and Selenium for Hill Canyon WWTP^{a,b}

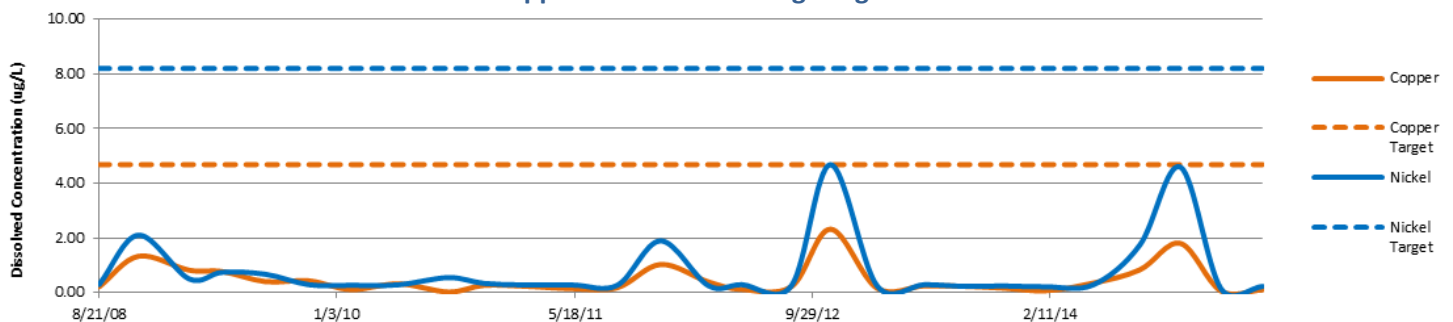


a. Similar outcomes for other WWTPs, including Camarillo Water Reclamation Plant and Simi Valley Water Quality Control Plant

Water Quality Outcomes

- Based on annual monitoring reports for 2009-2015, metal and selenium concentrations in discharges from WWTPs are well below the required interim WLAs, and are on track to meeting final TMDL WLA targets by March 2017. Also, agriculture and urban dischargers are on their way to meeting final WLAs.
- Water quality data for Mugu Lagoon, and Calleguas Creek Reaches 2 and 3, are consistently below TMDL WLA targets for copper and nickel.
- Metals concentrations at most receiving water sites for urban and agricultural discharges are in compliance with the interim TMDL targets.
- There are ongoing exceedances of selenium in Revolon Slough due to high selenium concentrations originating from rising groundwater.

Copper and Nickel in Mugu Lagoon^b



b. Source: Calleguas Creek Watershed TMDL Annual Reports, 2009-2015