



Contra Costa County
Public Works
Department

Public Works Department Measure X Presentation

August 4, 2021

STORMWATER SERVICES FUNDING REQUESTS

The Public Works Department and Flood Control District receive funding from gas taxes, property taxes, special assessments, and a small amount of County General Funds. Past efforts to increase funding for stormwater-related services have not been successful. The Department has prepared requests for Measure X funds to supplement existing funding for much needed stormwater services as listed below:

Summary of PWD Measure X Proposals				
Topic	Region	Communities	Request	Timeframe
1. Flood Protection	West County	Underserved	\$2,200,000	Annual
2. Storm Drains	Unincorporated	All	\$1,400,000	Annual
3. Watershed Plans	County	All	\$400,000	*10 years
4. Street Sweeping	Unincorporated	All	\$600,000	Annual
5. Green Infrastructure	Unincorporated	Underserved	\$1,000,000	Annual
	Annual Request:		\$5,200,000	
	*10 Year Request:		\$4,000,000	

FLOOD PROTECTION SAFETY IN WEST COUNTY

Services needed: Flood Control Levee and Channel Maintenance, Asset Management, and Resiliency in North Richmond, San Pablo, Richmond, Pinole, and Rodeo

Funding need: \$2,200,000 Annually

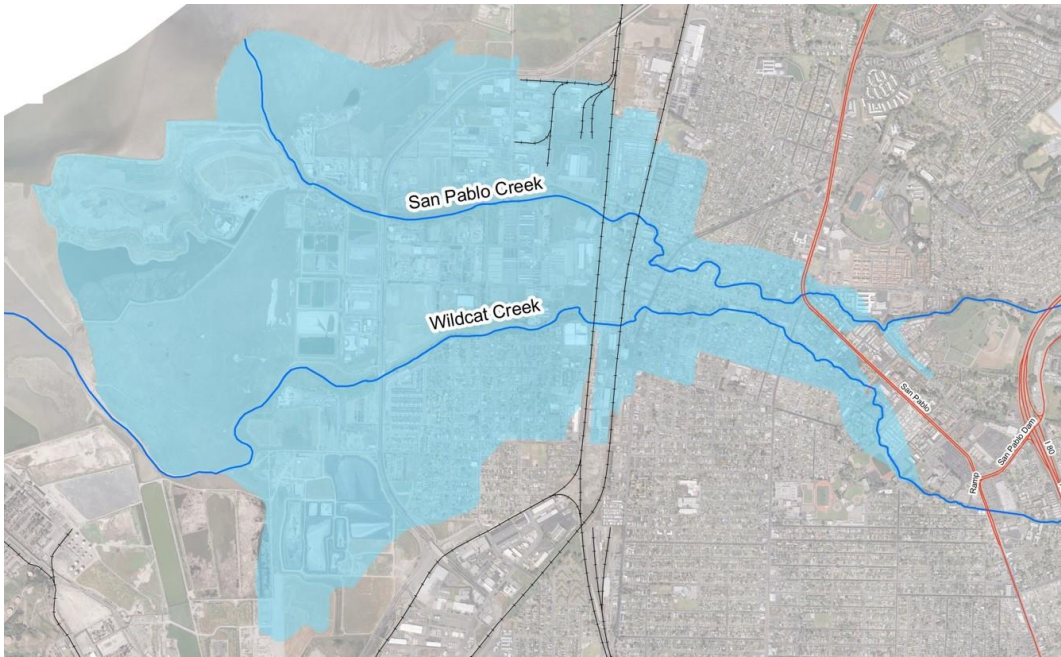
Annual Funding Needs for Maintenance vs. Revenue (2020)		
Facility	Current Need	Revenue
Wildcat Creek	\$1,000,000	\$137,841
San Pablo Creek	\$750,000	\$0
Rheem Creek	\$110,000	\$23,090
Pinole Creek	\$125,000	\$0
Rodeo Creek	\$450,000	\$37,639
Totals:	\$2,435,000	\$198,570
Total Need:	\$2,236,430	



Rodeo Creek
bank erosion
repair needed

Pinole Creek
bank erosion
repair needed





The projected impact (blue) of flooding in North Richmond, Richmond, and San Pablo if levees are not maintained, or not improved to accommodate sea level rise.

Routine maintenance needs on Rheem Creek – sediment, debris, and vegetation removal.



STORM DRAIN MAINTENANCE AND SAFETY - UNINCORPORATED COUNTY AREAS

Services needed: Storm Drain Inventory, Assessment, Repairs, Asset Management, Resiliency.

Funding need: \$1,400,000 Annually

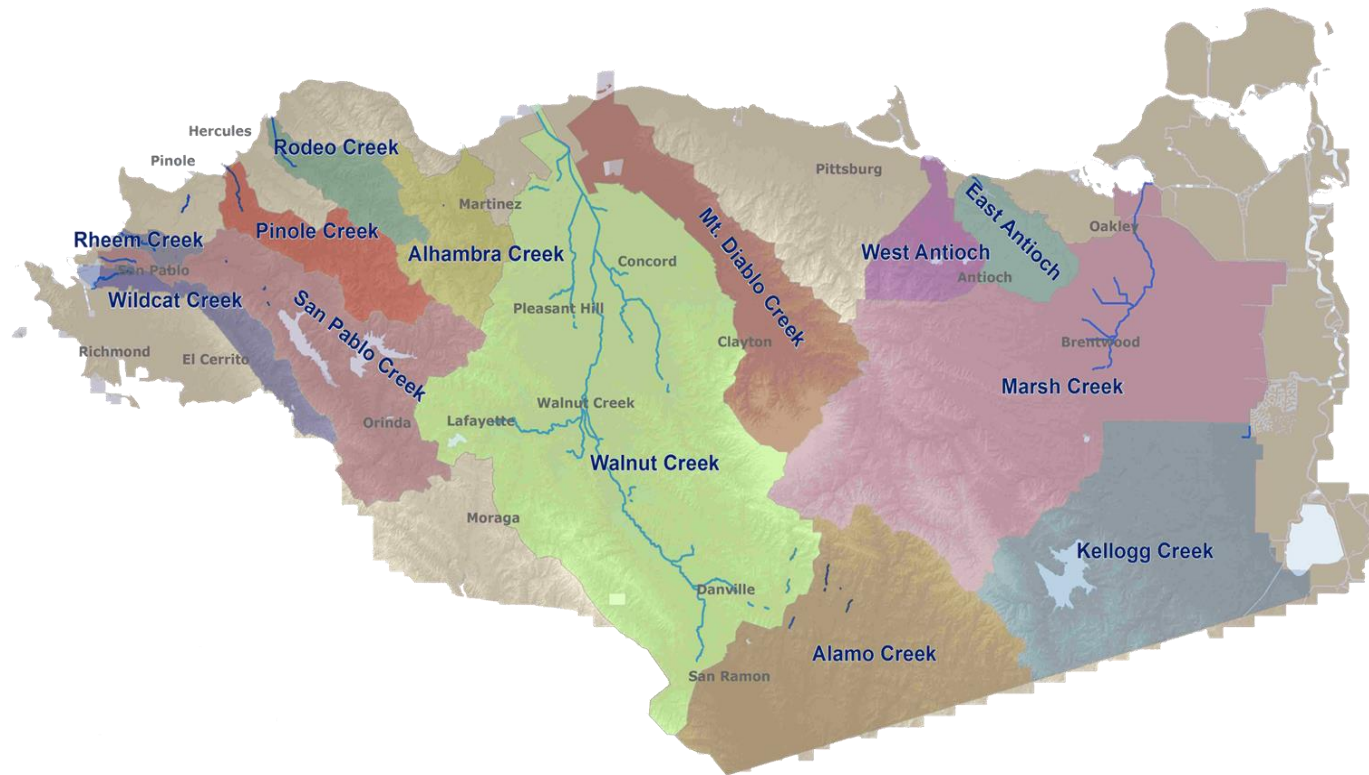


Examples of failed storm drains and resulting pavement damage

WATERSHED PLANS FOR ENTIRE COUNTY

Services needed: Watershed Plans to reduce contamination, improve the environment, reduce climate change impacts, and increase community engagement

Funding need: \$400,000/year for 10 years

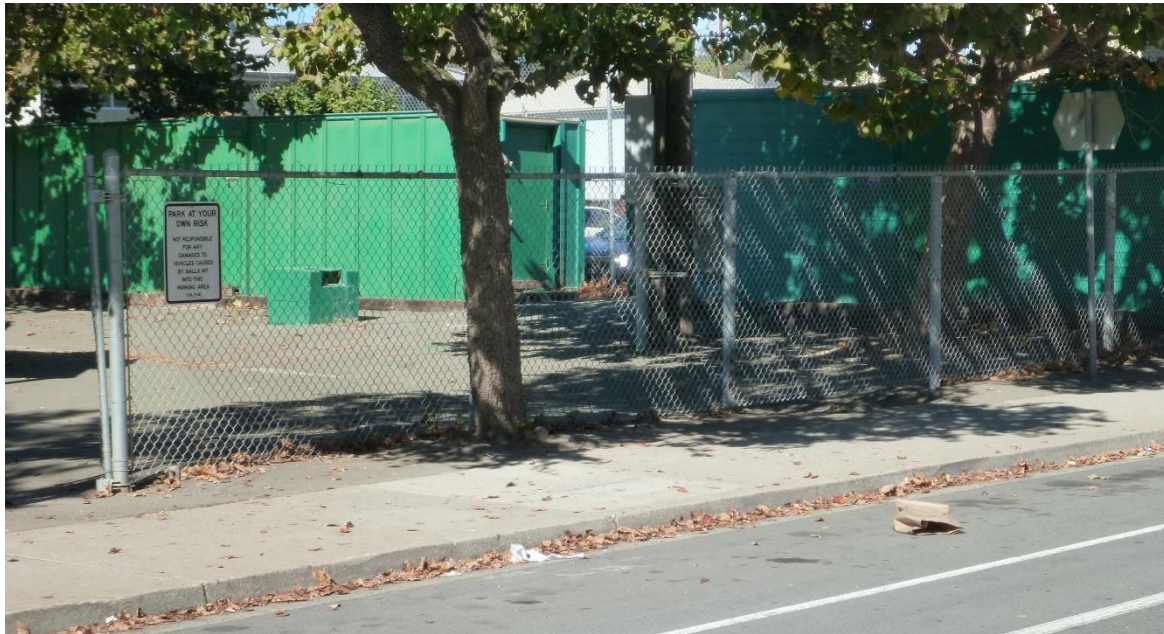


Watershed boundaries are different from City boundaries

STREET SWEEPING IN UNINCORPORATED COUNTY

Services needed: Street Sweeping to remove contaminants, trash, and sediment, improve watershed health, prevent flooding and increase bicycle safety.

Funding need: \$600,000 Annually



Street curb and gutter sweeping needed

GREEN INFRASTRUCTURE WITHIN UNINCORPORATED COUNTY DISADVANTAGED COMMUNITIES

Services needed: Planning, Installation, Maintenance, and Asset Management

Funding need: \$1,000,000 Annually



Examples of Green Infrastructure along a road and in a parking lot

Thank you
Questions?