



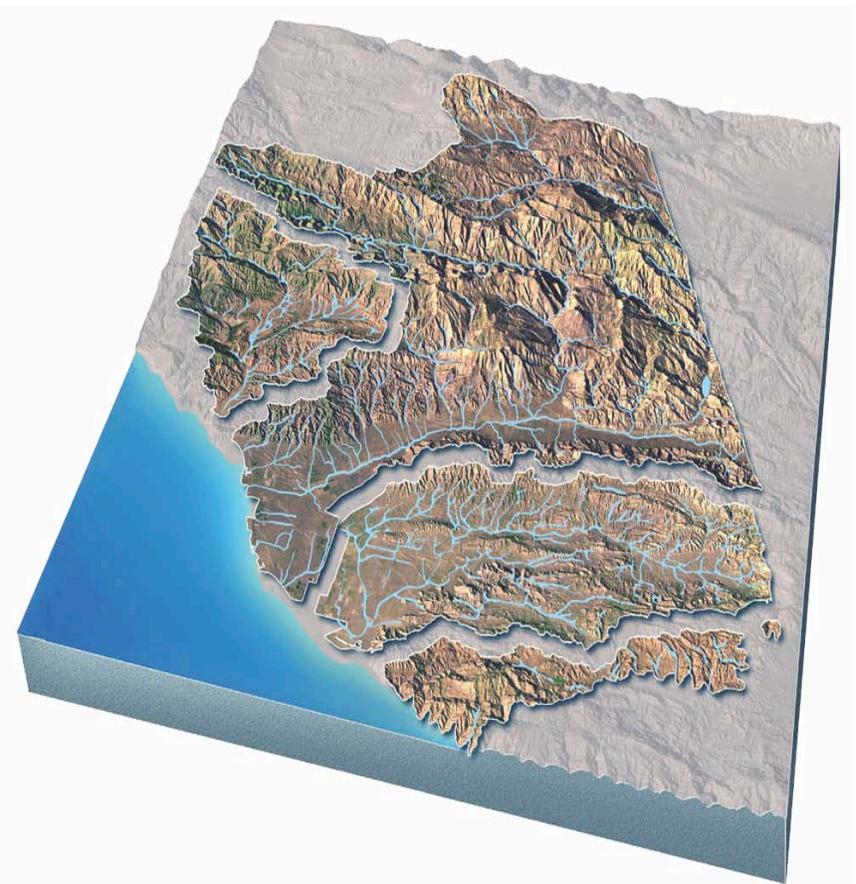
Ventura Countywide Stormwater Quality Management Program

CAMARILLO
COUNTY OF VENTURA
FILLMORE
MOORPARK
OJAI
OXNARD
PORT HUENEME
SANTA PAULA
SIMI VALLEY
THOUSAND OAKS
VENTURA

VENTURA COUNTY WATERSHED PROTECTION DISTRICT

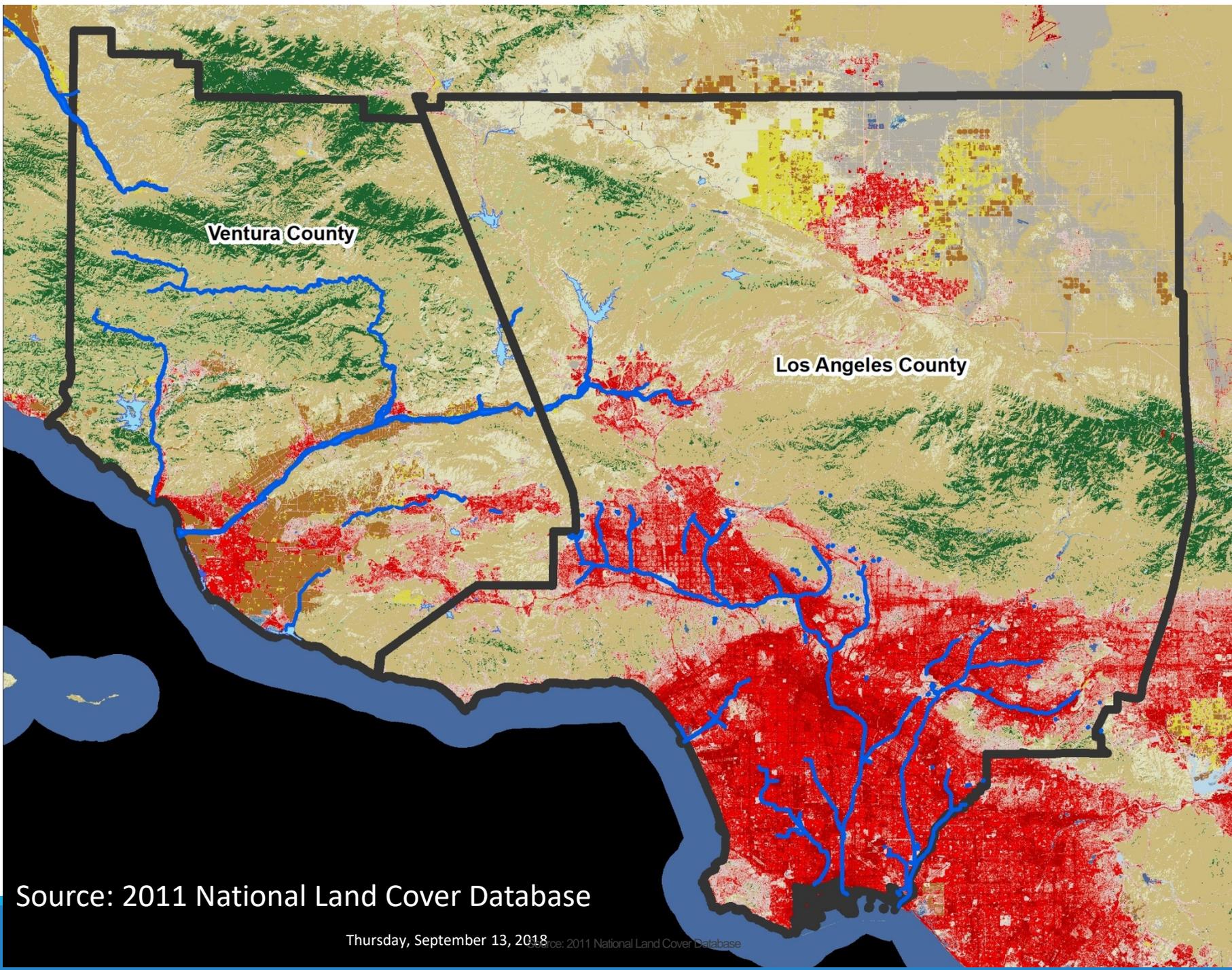
Ventura Countywide Stormwater Quality Management Program (VCSQMP)

- Current Sources of Funding
- Historical Budgets
- Future Costs
- BMP Project Budgets vs Actual Costs
- Challenges and Opportunities





*Ventura Countywide
Stormwater Quality
Management Program*



Ventura County

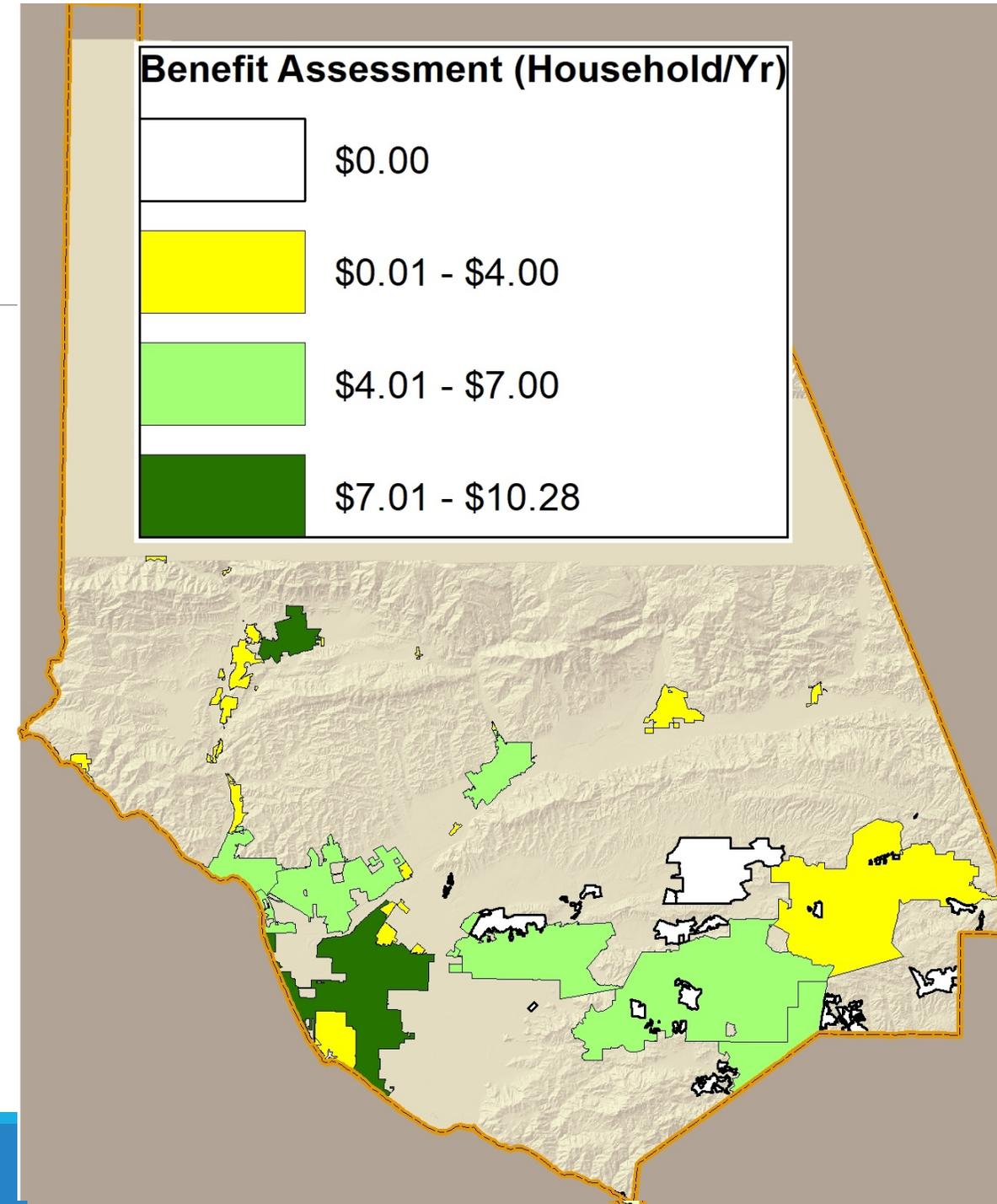
Los Angeles County

-  Development
-  Agriculture
-  Open Space

Source: 2011 National Land Cover Database

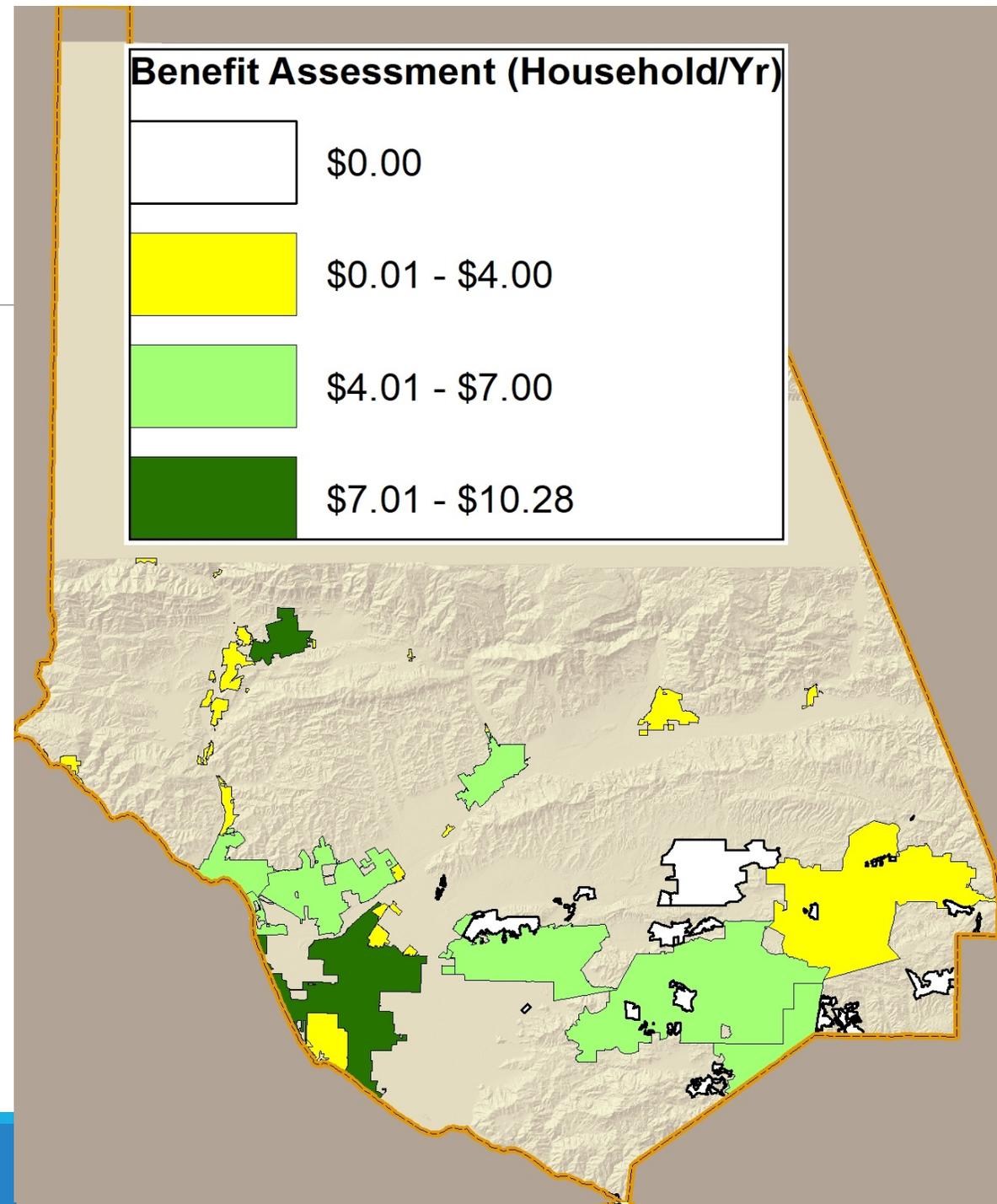
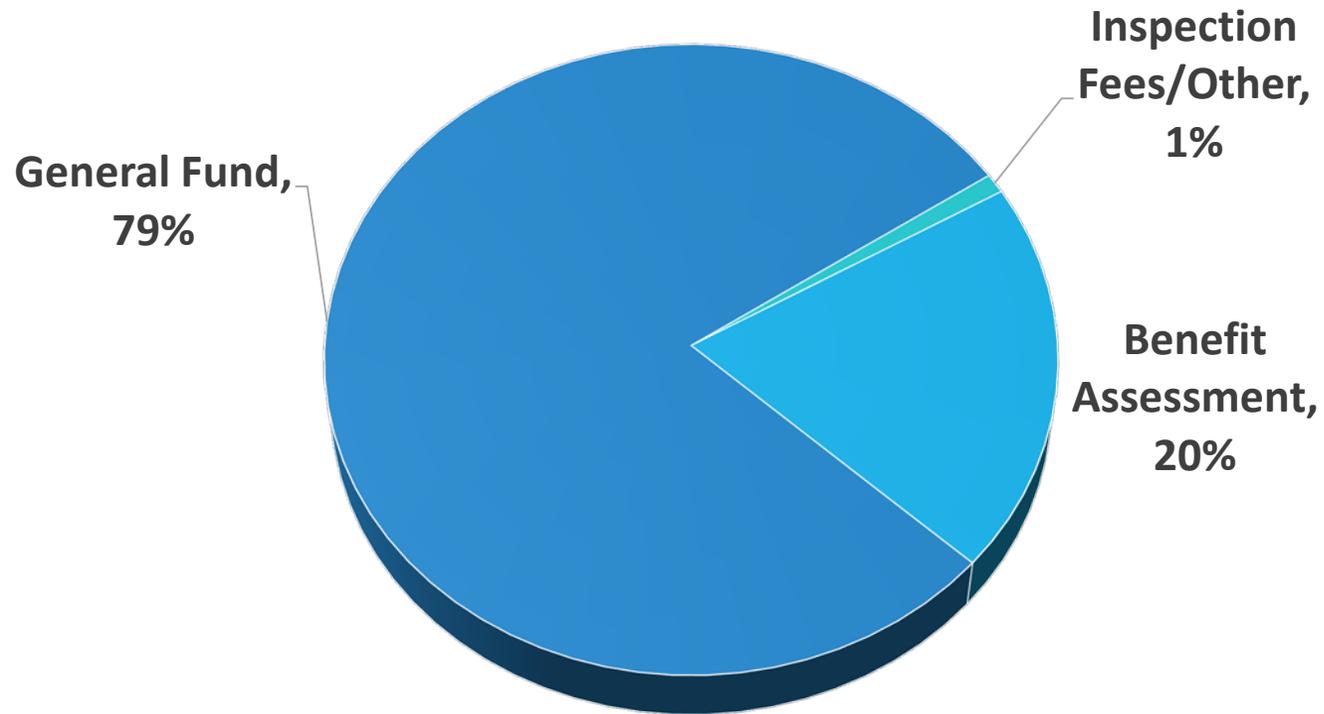
Current Sources of Funding

- Watershed Protection District Benefit Assessment Program
 - Assessments locked since 1996 due to Prop. 218 (rate increase requires majority approval from property owners)
- General Funds
- Grants
- Inspection Fees/Other



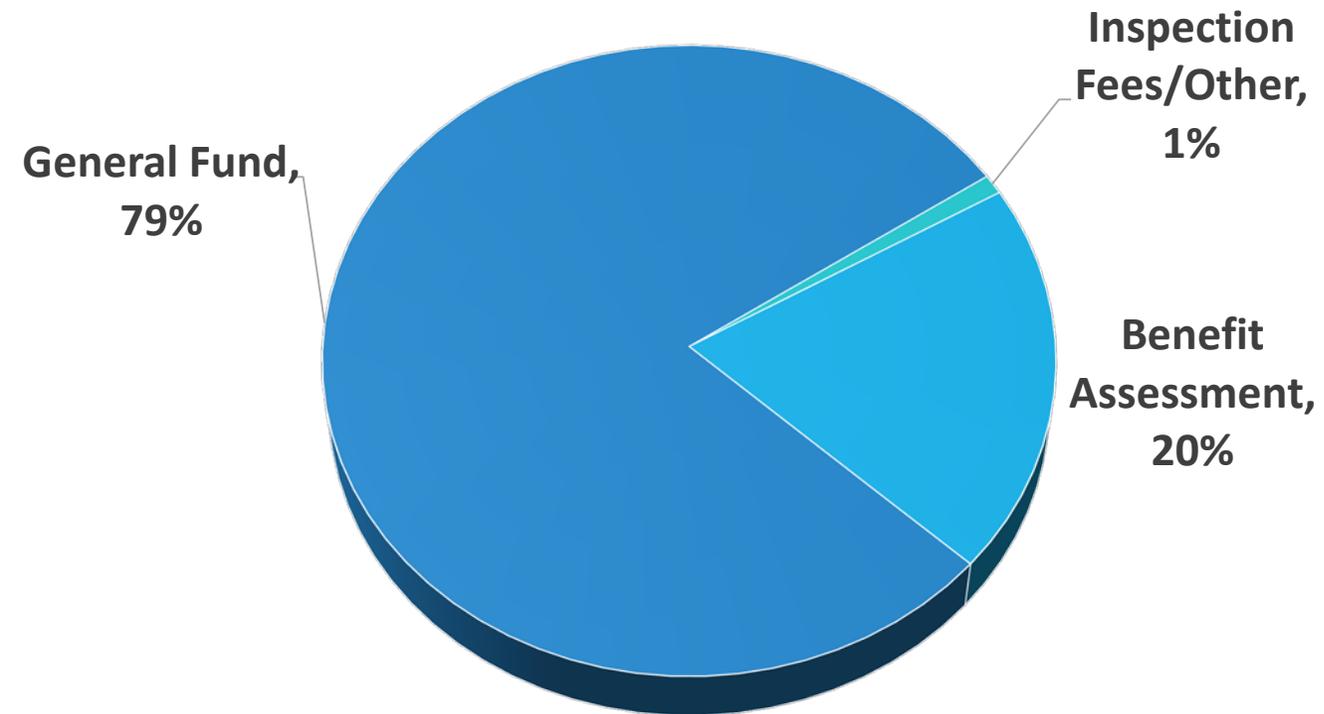
Current Sources of Funding

\$15,600,000 budgeted countywide FY 18/19

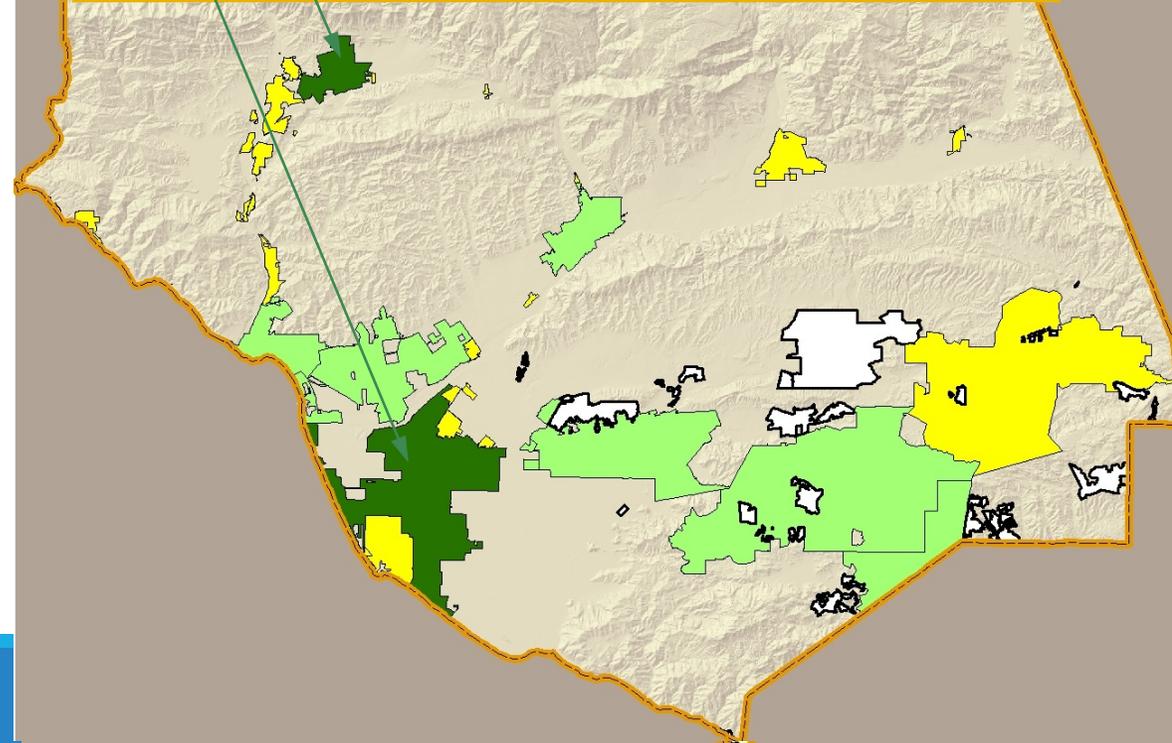


Current Sources of Funding

\$15,600,000 budgeted countywide FY 18/19

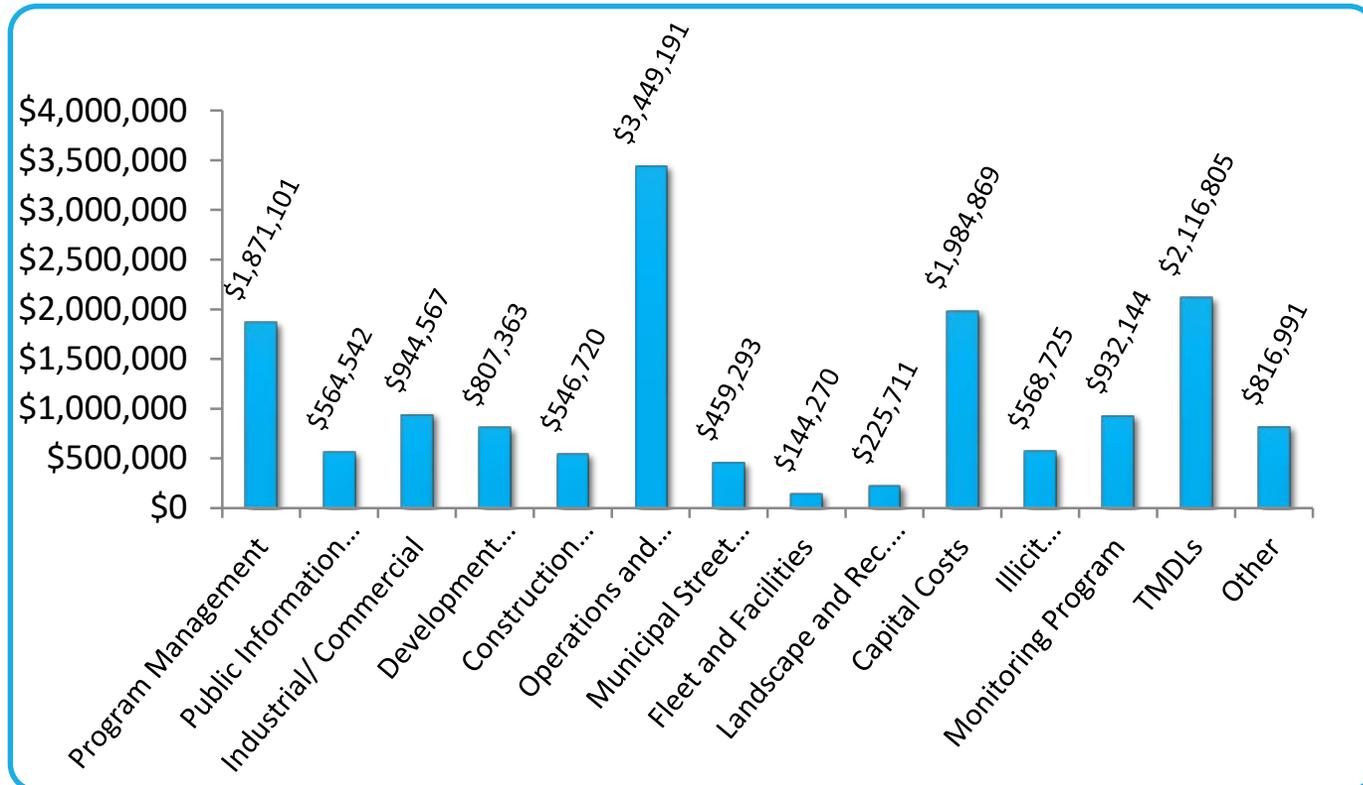


Ventura County Statistics			
Permittee	Population	Area (Sq. Mi.)	Annual Budget
Camarillo	69,229	19.68	\$1,512,162
County of Ventura	92,063	24	\$3,936,200
Fillmore	15,610	3.36	\$106,074
Moorpark	36,828	12.44	\$552,869
Ojai	7,500	4.50	\$139,790
Oxnard	207,906	26.89	\$1,567,000
Port Hueneme	22,399	4.40	\$241,500
Ventura	110,790	33.00	\$1,468,000
Santa Paula	31,138	5.40	\$200,500
Simi Valley	126,788	42.00	\$1,619,328
Thousand Oaks	128,995	55.03	\$980,000
VCWPD	-	-	\$3,024,884

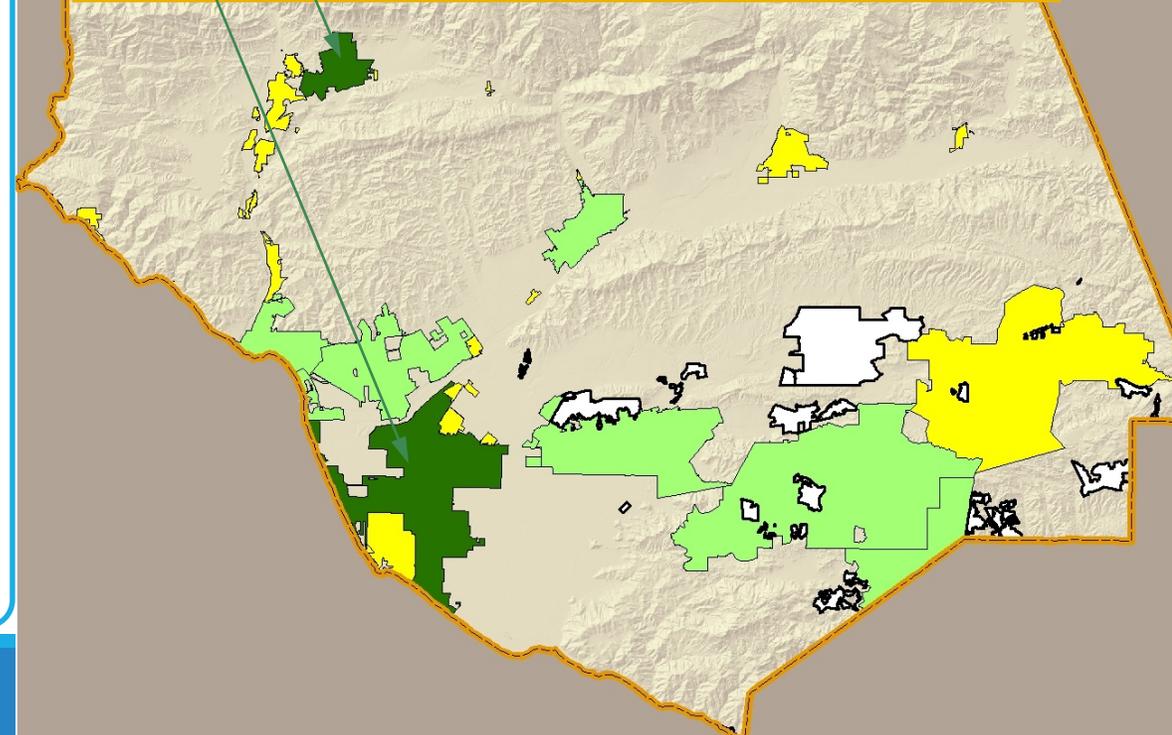


Current Sources of Funding

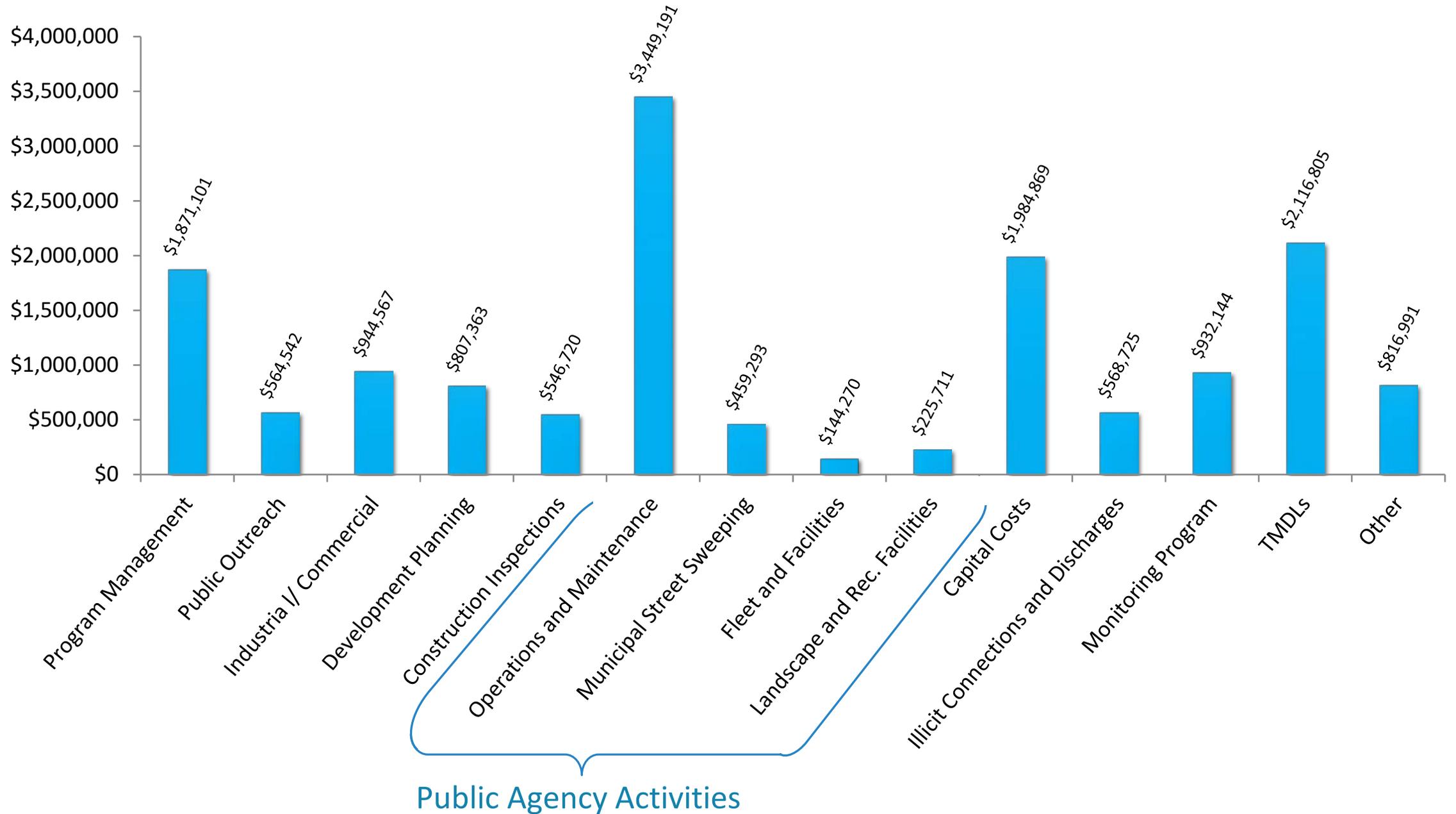
\$15,600,000 budgeted countywide FY 18/19



Permittee	Population	Area (Sq. Mi.)	Annual Budget
Camarillo	69,229	19.68	\$1,512,162
County of Ventura	92,063	24	\$3,936,200
Fillmore	15,610	3.36	\$106,074
Moorpark	36,828	12.44	\$552,869
Ojai	7,500	4.50	\$139,790
Oxnard	207,906	26.89	\$1,567,000
Port Hueneme	22,399	4.40	\$241,500
Ventura	110,790	33.00	\$1,468,000
Santa Paula	31,138	5.40	\$200,500
Simi Valley	126,788	42.00	\$1,619,328
Thousand Oaks	128,995	55.03	\$980,000
VCWPD	-	-	\$3,024,884

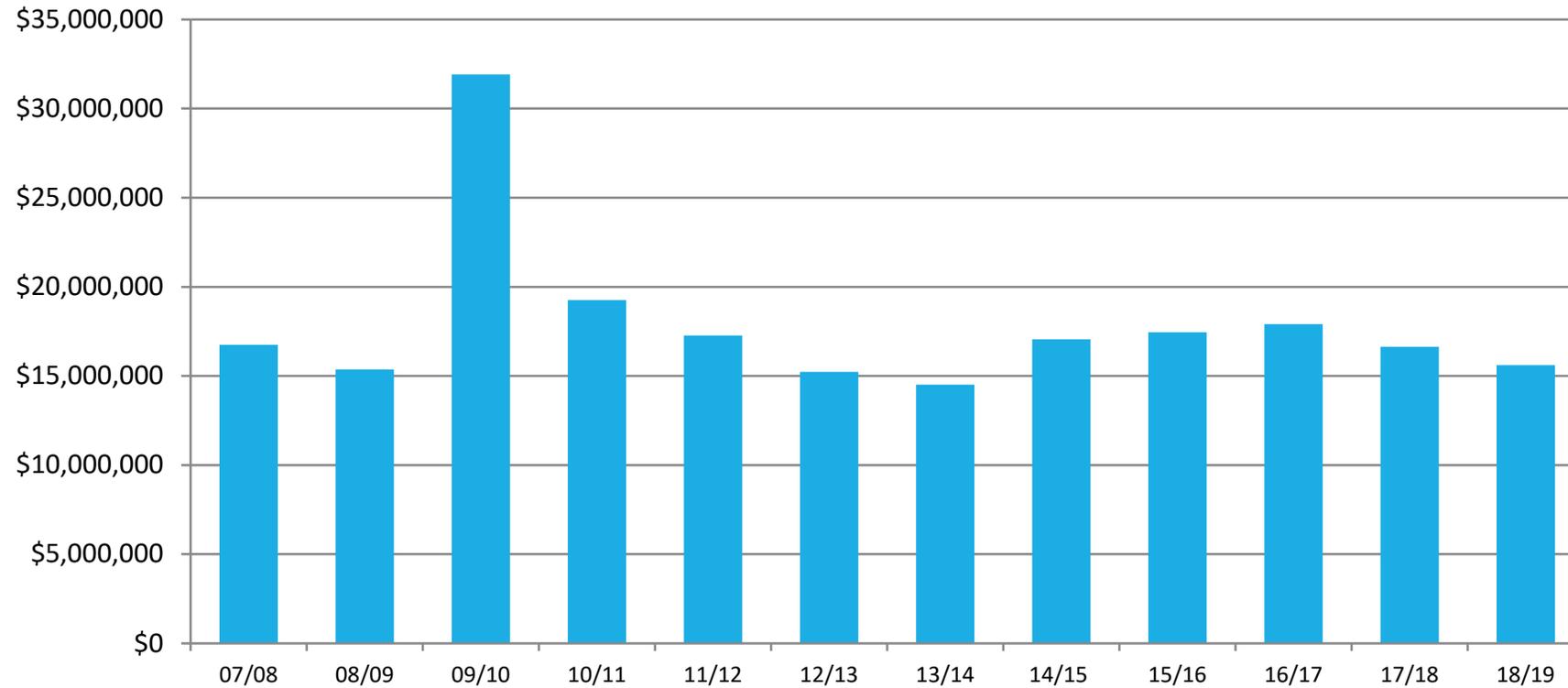


Approximately \$15,600,000 is budgeted countywide for stormwater quality FY 18/19



Historical Budgets

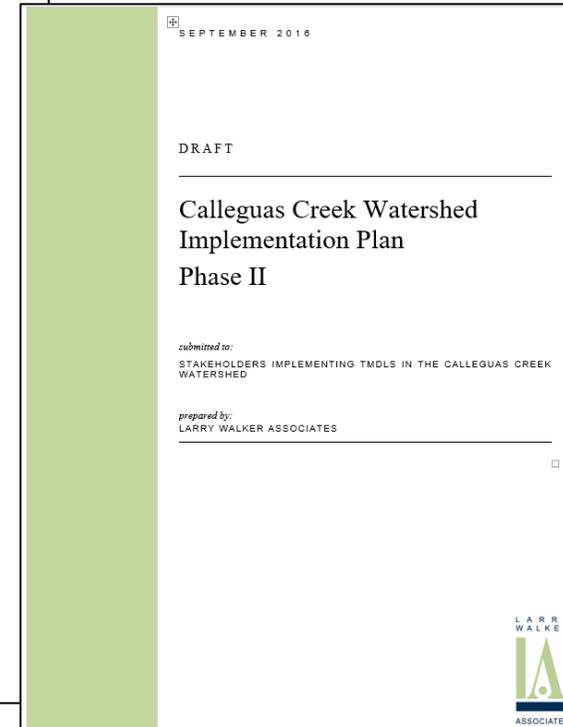
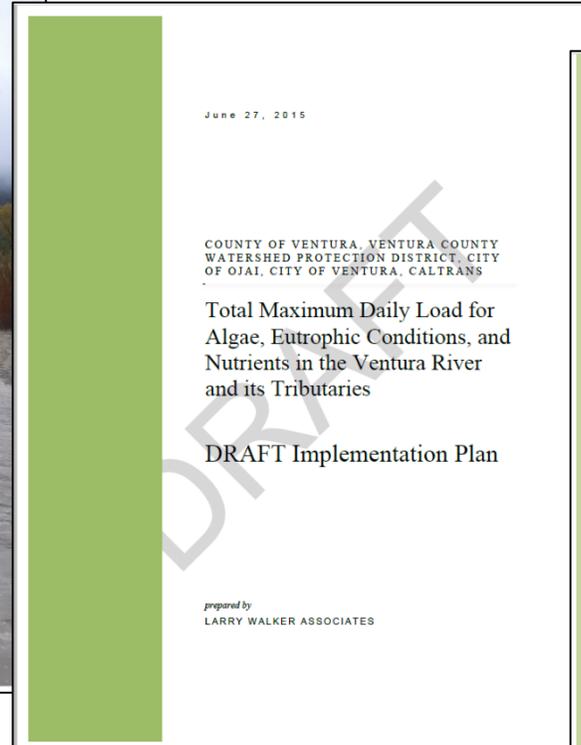
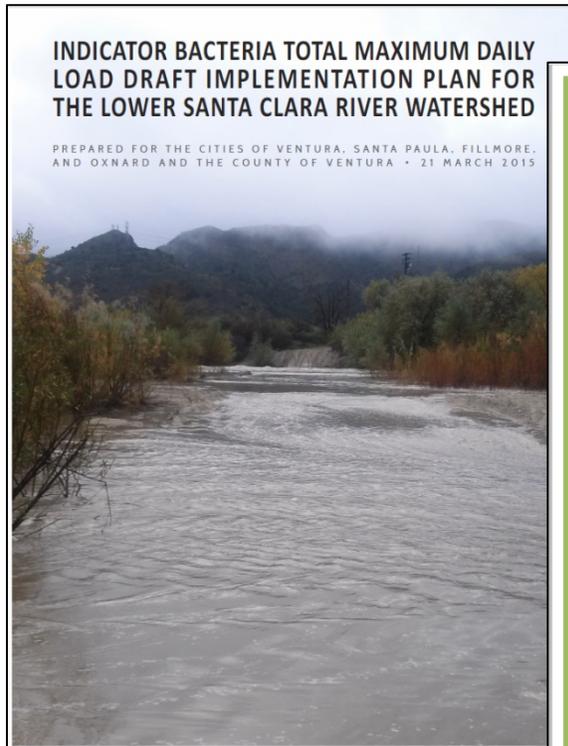
Annual Adopted Budgets for Ventura County Permittees





Build on Past Efforts

TMDL Implementation Plans





Ventura Countywide
Stormwater Quality
Management Program

Build on Past Efforts

Prepared for
Ventura Countywide Stormwater Quality Management Program

Ventura Countywide Municipal Stormwater Resource Plan Ventura County, CA

Prepared by



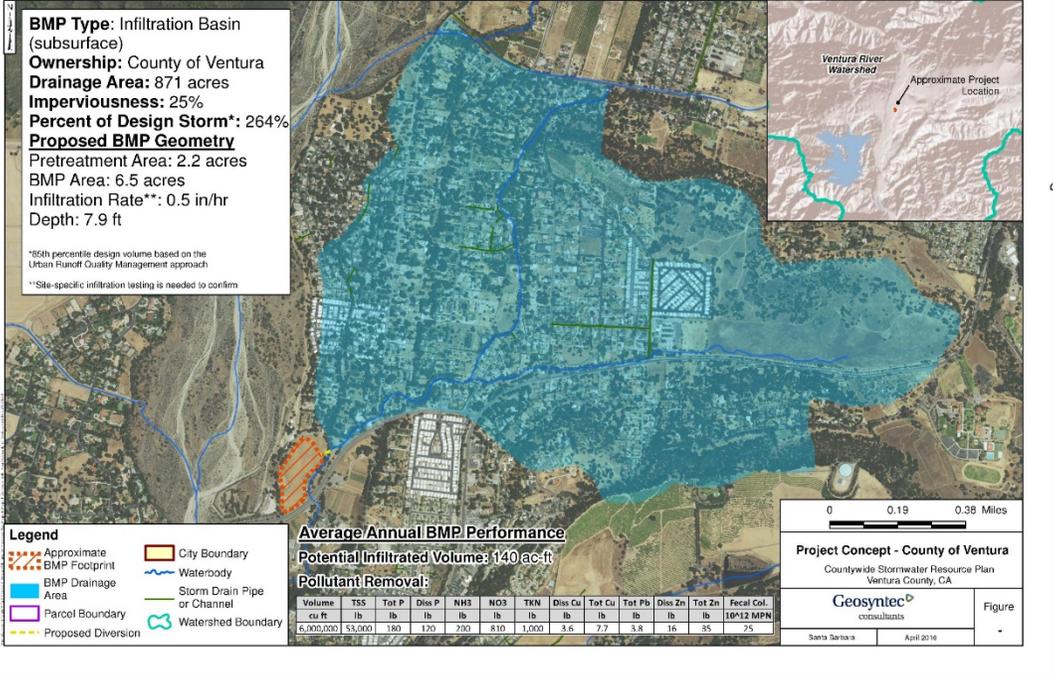
engineers | scientists | innovators



924 Anacapa Street, Suite 4A
Santa Barbara, CA 93101

Geosyntec Project Number: LA0364

September 20, 2016



Estimate of Future Costs Through 2040

Estimated from relevant sources:

- Capital Costs
 - EWMPs
 - Final TMDL Implementation Plan
- O&M costs as percent of Capital costs
- Continued Minimum Control Measures
- Compliance Schedules
 - TMDLs
 - 20 years

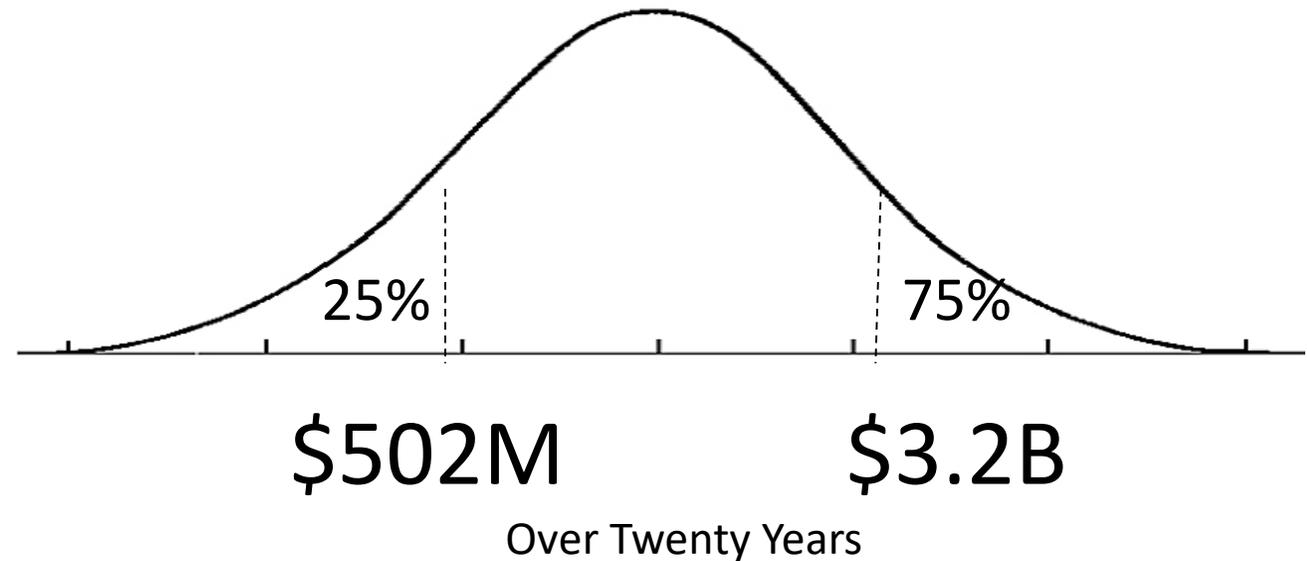
Estimate of Future Costs Through 2040?

Costs estimated:

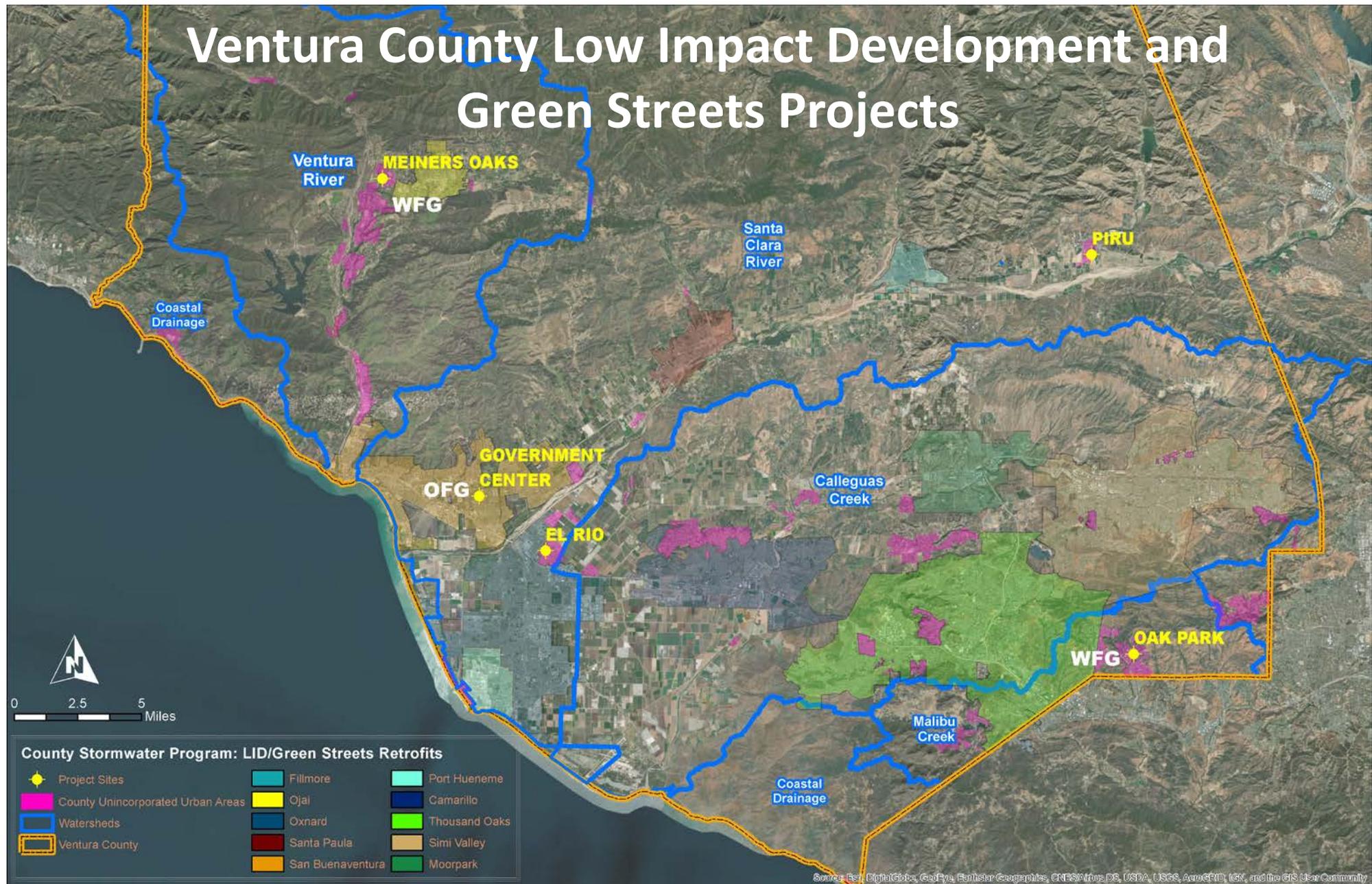
- Develop Watershed Management Plans
- Design and Build BMP CIP Projects
- Operations & Maintenance
- Monitoring
- Minimum Control Measure

Does not include:

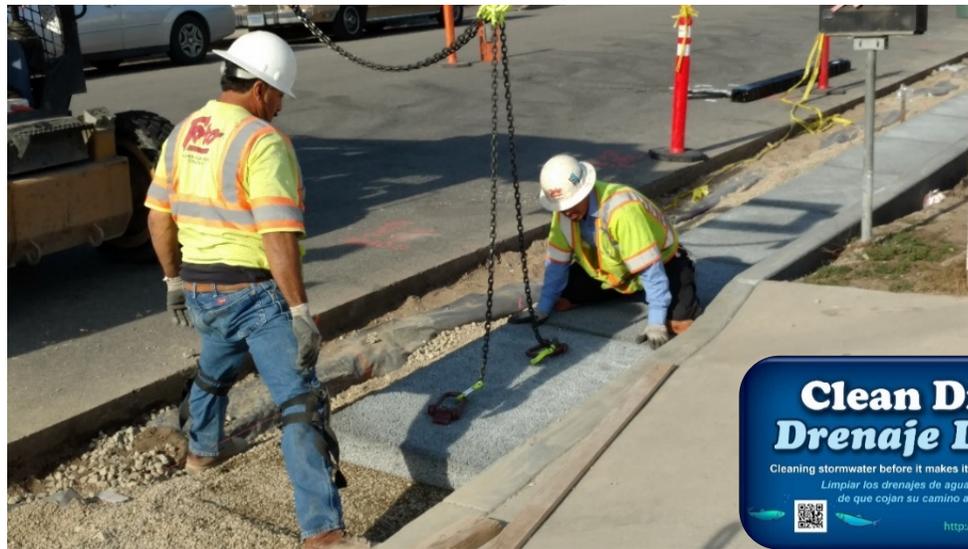
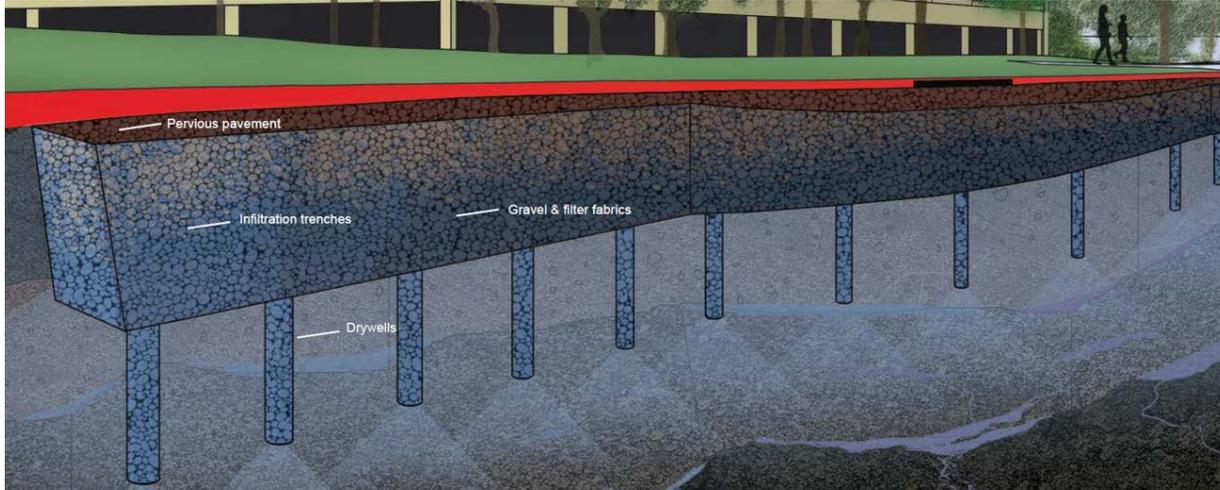
- Trash Amendments
- Purchasing property for BMPs



Ventura County Low Impact Development and Green Streets Projects



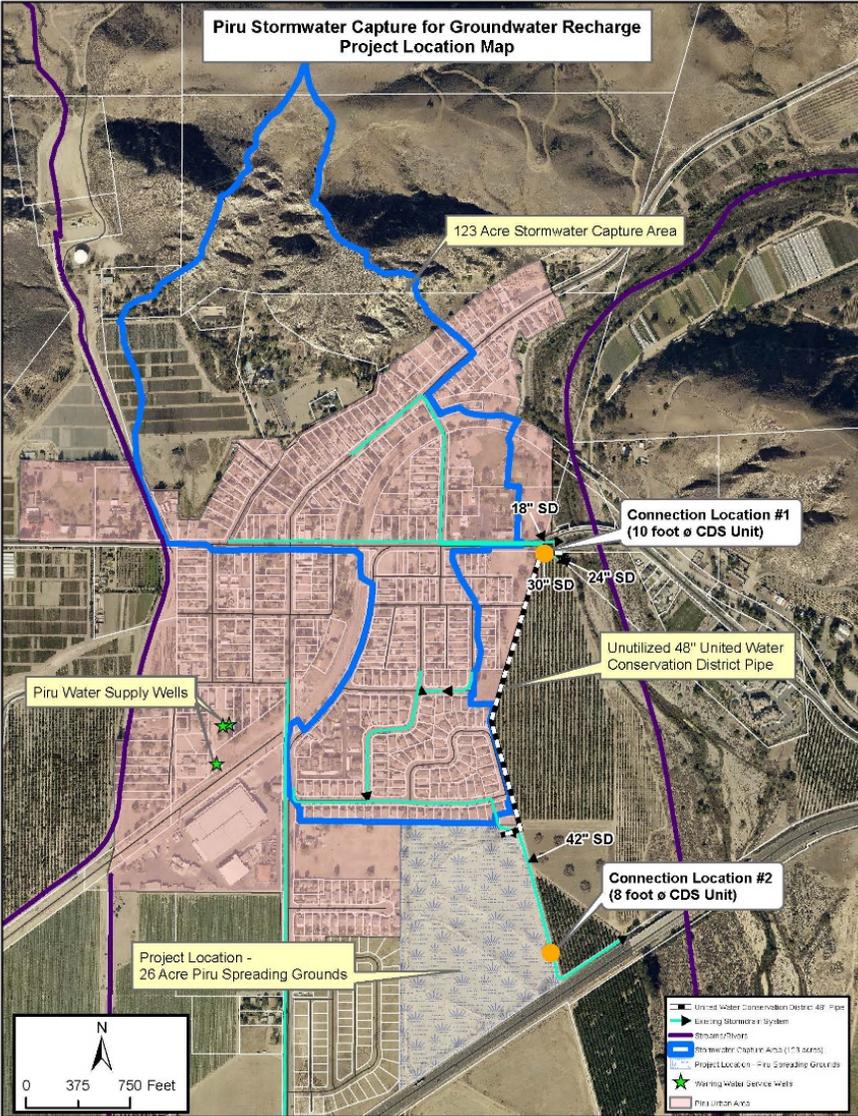
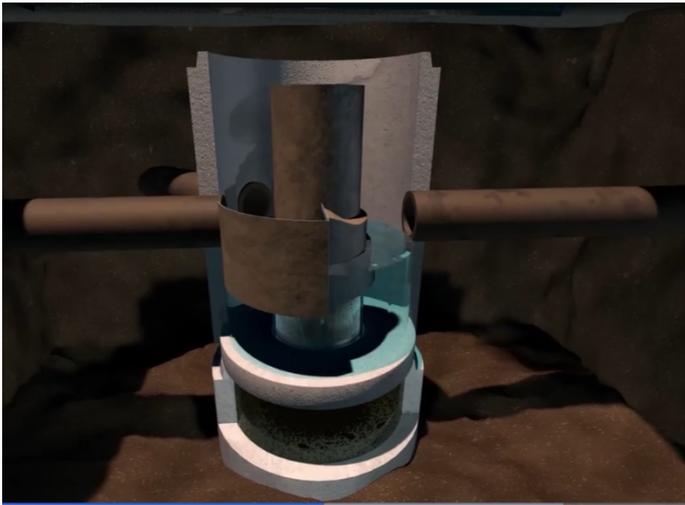
Green Streets Retrofits – Pervious Gutters



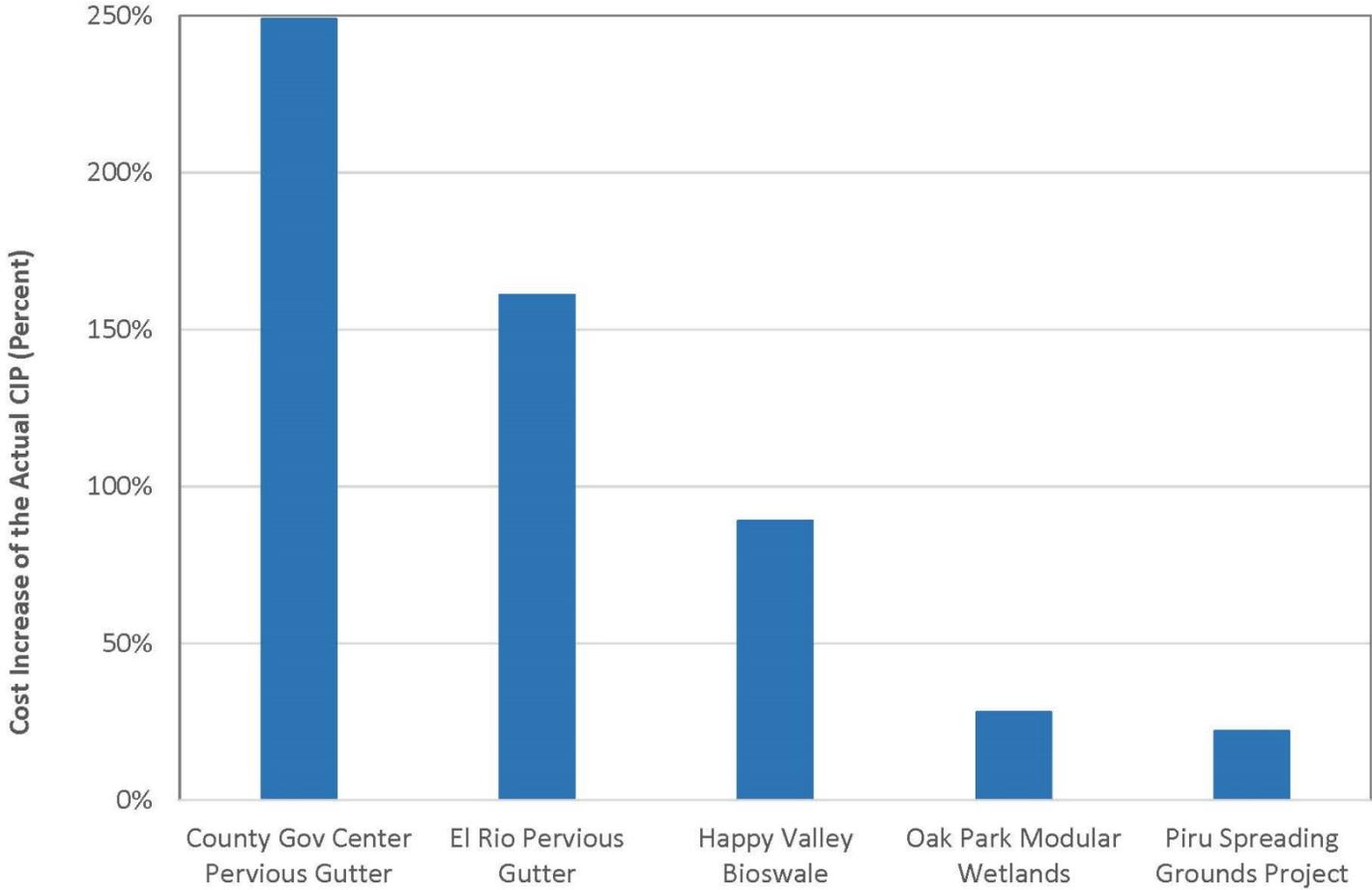
Clean Drain
Drenaje Limpio
Cleaning stormwater before it makes its way to the Ventura River
Limpia los drenajes de aguas pluviales antes de que cojan su camino al Rio Ventura
<http://uninc.vcstormwater.org>



Piru Stormwater Capture for Groundwater Recharge



County Stormwater Projects Estimated Cost vs. Actual Cost



Challenges to increasing revenue

Public Approval

- Prop 23
- Prop 218

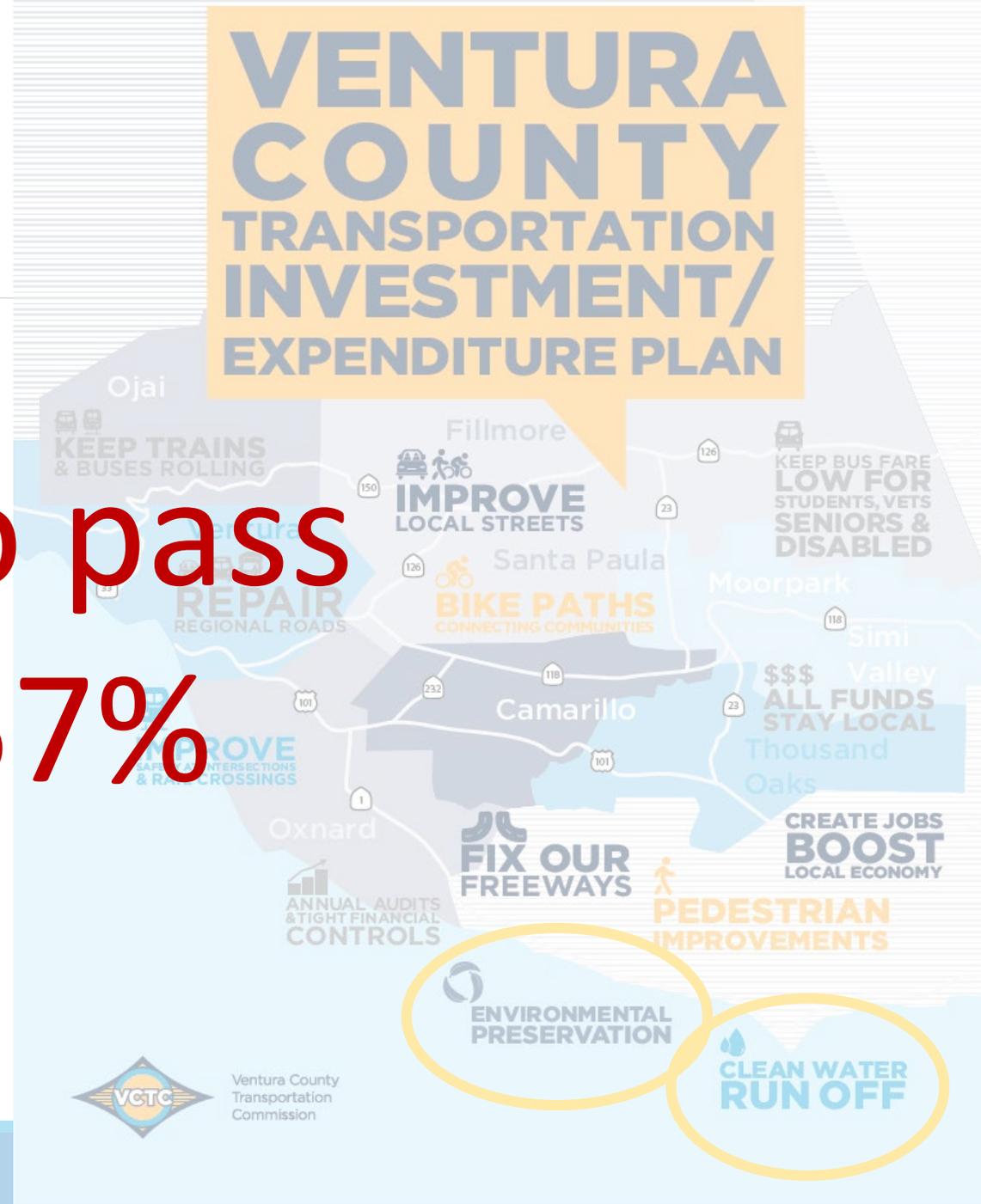
2004 Survey of Public Support

- Property related fee
- To protect streams and the ocean from pollution
- 60% supported \$18 per household or \$6.4M Countywide

2016 Measure AA

“Measure AA sets aside \$198 million for preserving and improving Ventura County’s natural environment . . . funds to preserve open space and reduce stormwater runoff.”

**Failed to pass
43%-57%**

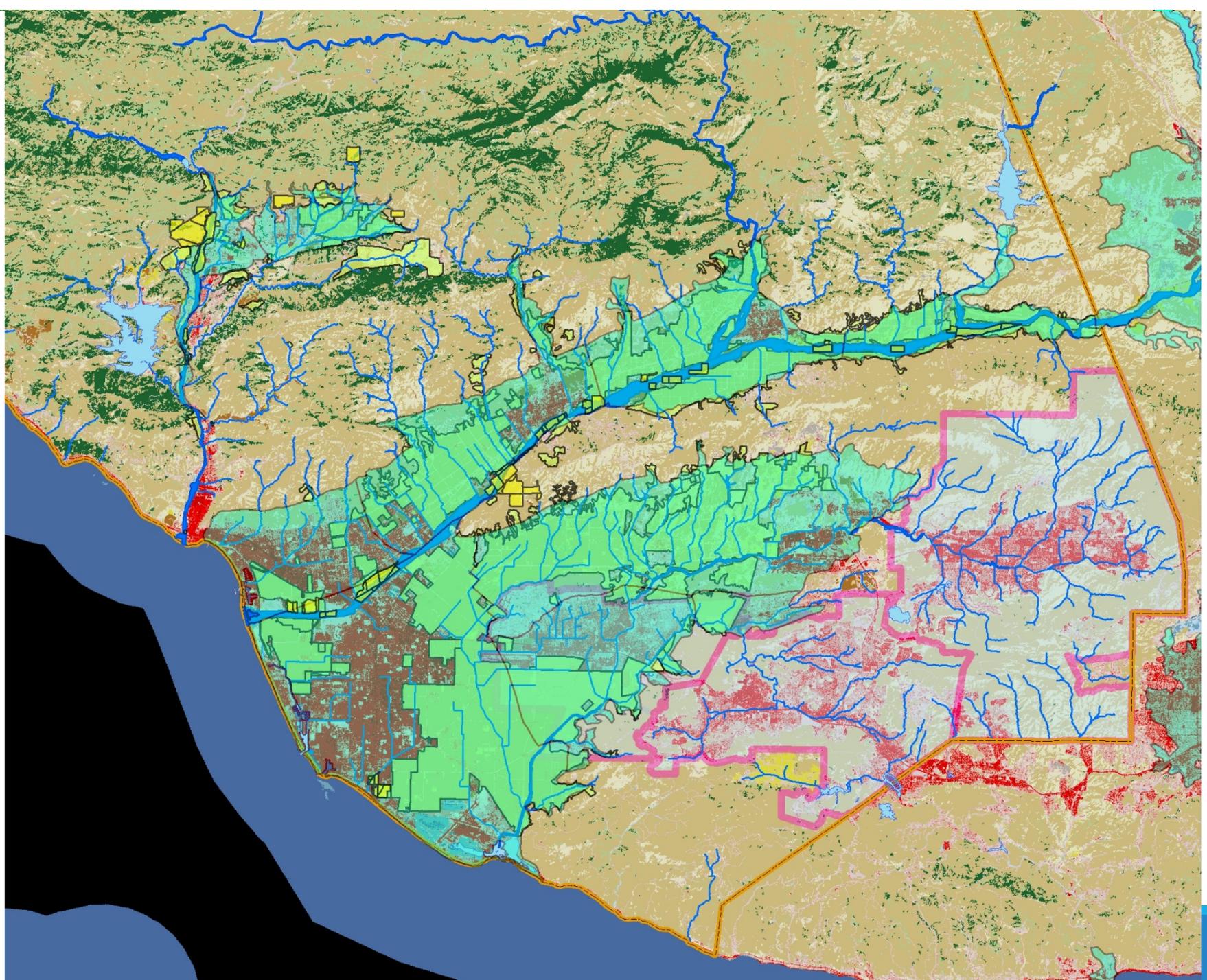


Existing Partnerships/MOAs

- Over 20 TMDL MOA Parties and Partners
- Including:
 - MS4s
 - Ag Dischargers
 - Water Districts
 - Sanitary Districts
 - US Navy
 - Caltrans
 - Land Conservancies
 - State Parks
 - CSUCI



- Park & Rec Districts
- Agriculture
- Groundwater Basins
- Land Conservancies





Ventura Countywide Stormwater Quality Management Program

VENTURA COUNTY'S
COMMUNITY FOR A
CLEAN WATERSHED

