



*Solving Problems where
People and Nature Intersect*

Where some see
conflict

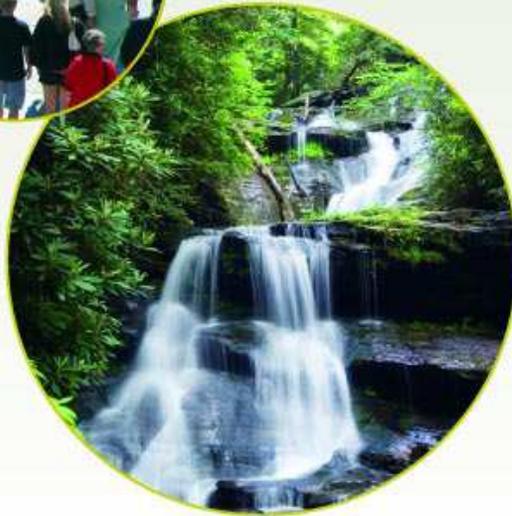
We see compatibility



PEOPLE

NATURE

WE ARE PROBLEM SOLVERS



- Community collaboration
- Project direction and management
- Scientific, technical and engineering expertise
- Sustained leadership
- Fundraising

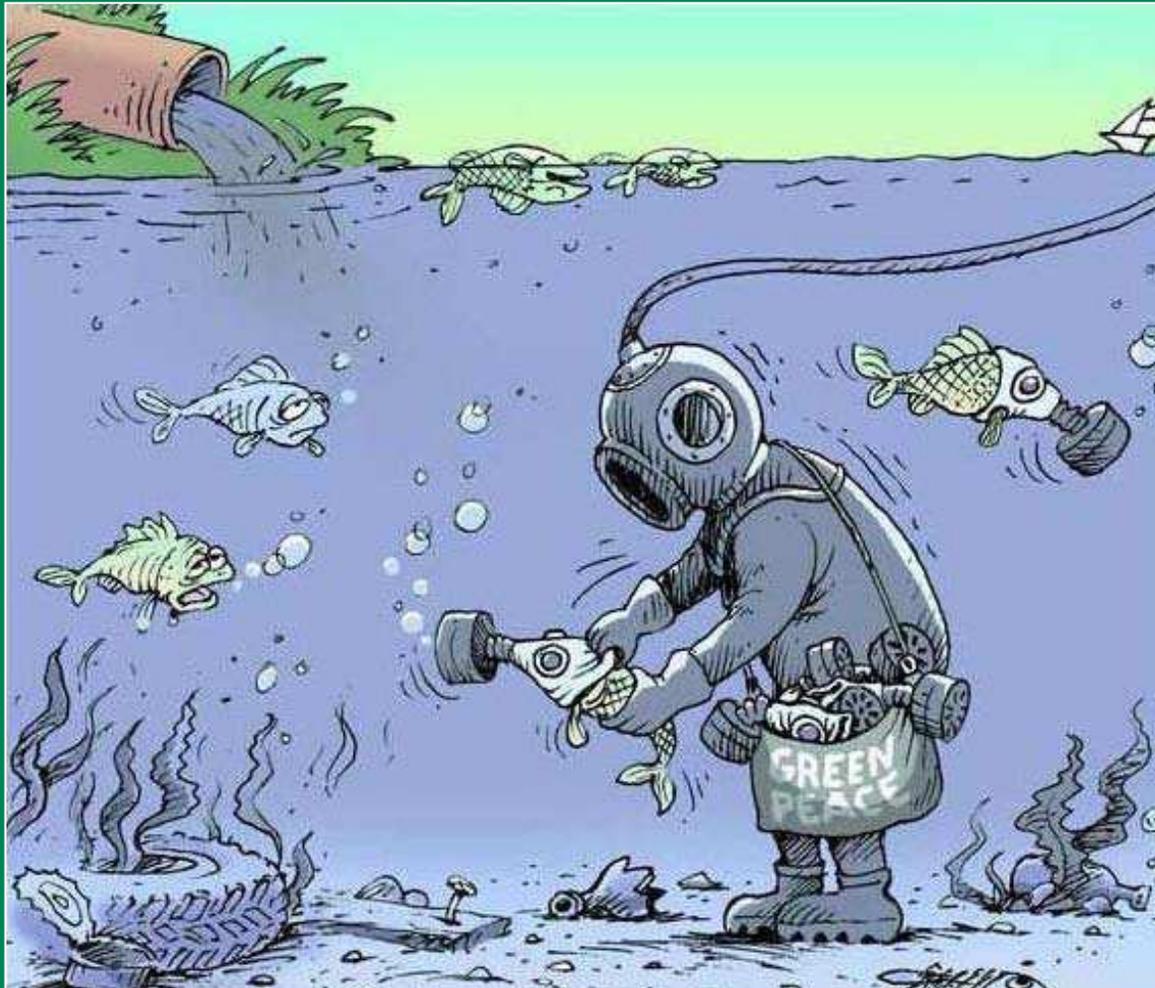
CCI believes in crafting innovative solutions that combine long-range vision with the focused plans needed to translate ideas into reality.



GREEN SOLUTION PROJECT

Green Solutions to Water Pollution

Is There a Problem?





THE PROBLEM

Need land to capture and clean polluted runoff
OFF-SITE RUNOFF can't be treated in any way





THE OPPORTUNITY

Billions of gallons per day of potential new water supplies





GREEN SOLUTION PROJECT

Green Solutions to Water Pollution

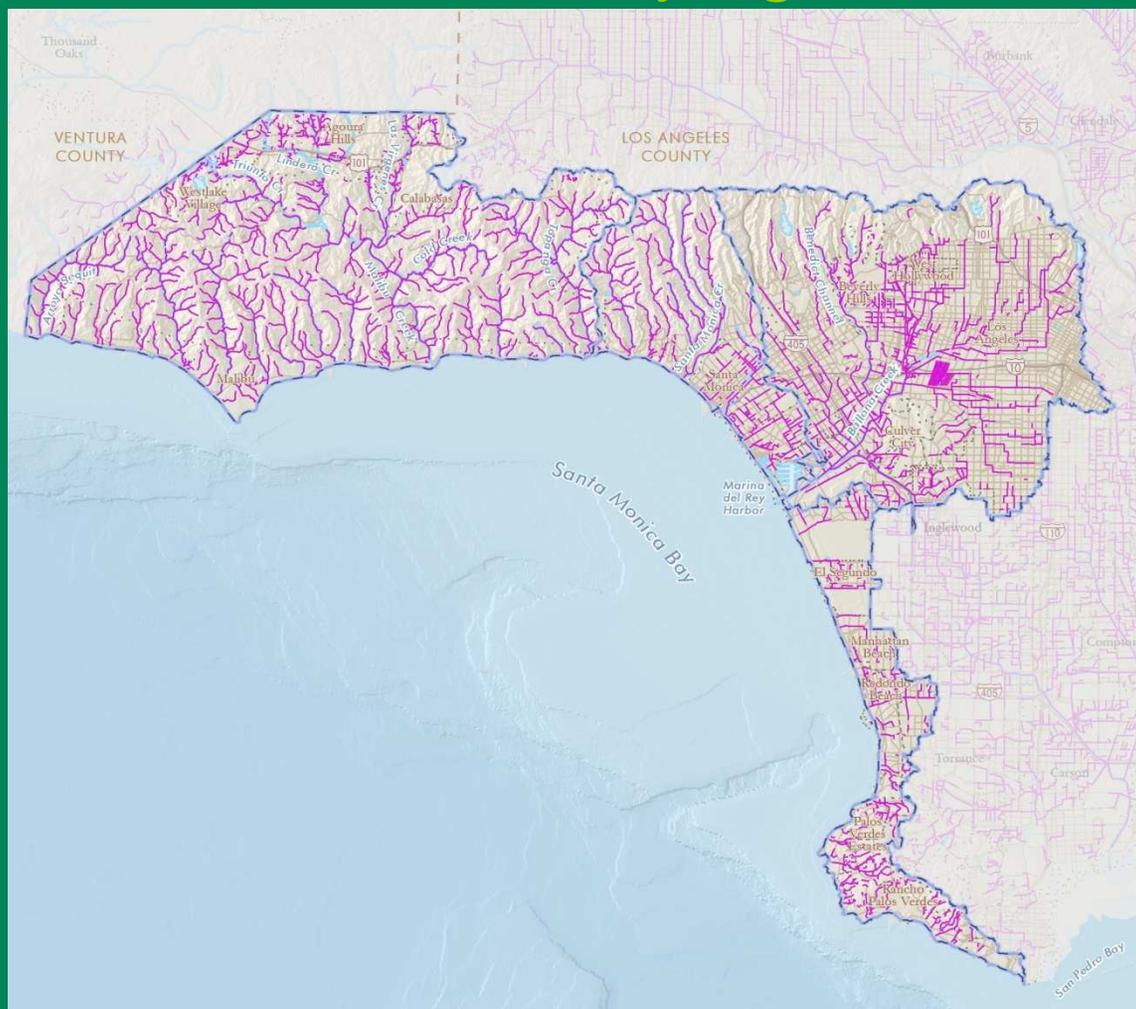
Where Does Polluted Runoff Come From?





Green Solutions to Water Pollution

Storm Drains: Carrying Runoff to Ocean





GREEN SOLUTION PROJECT

Green Solutions to Water Pollution

**Is What We are
Doing Now
Working?**



Green Solutions to Water Pollution

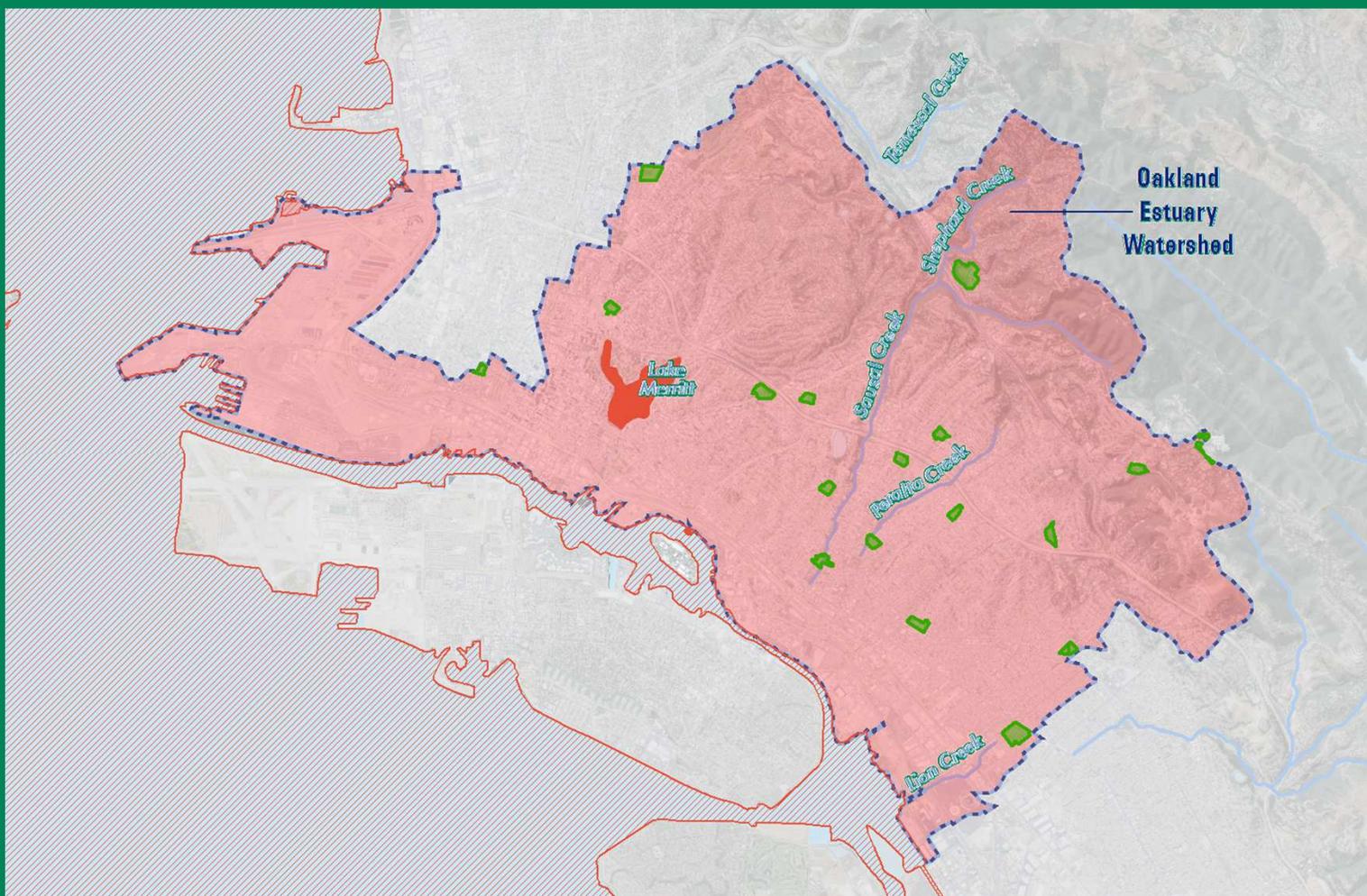
What we are doing now

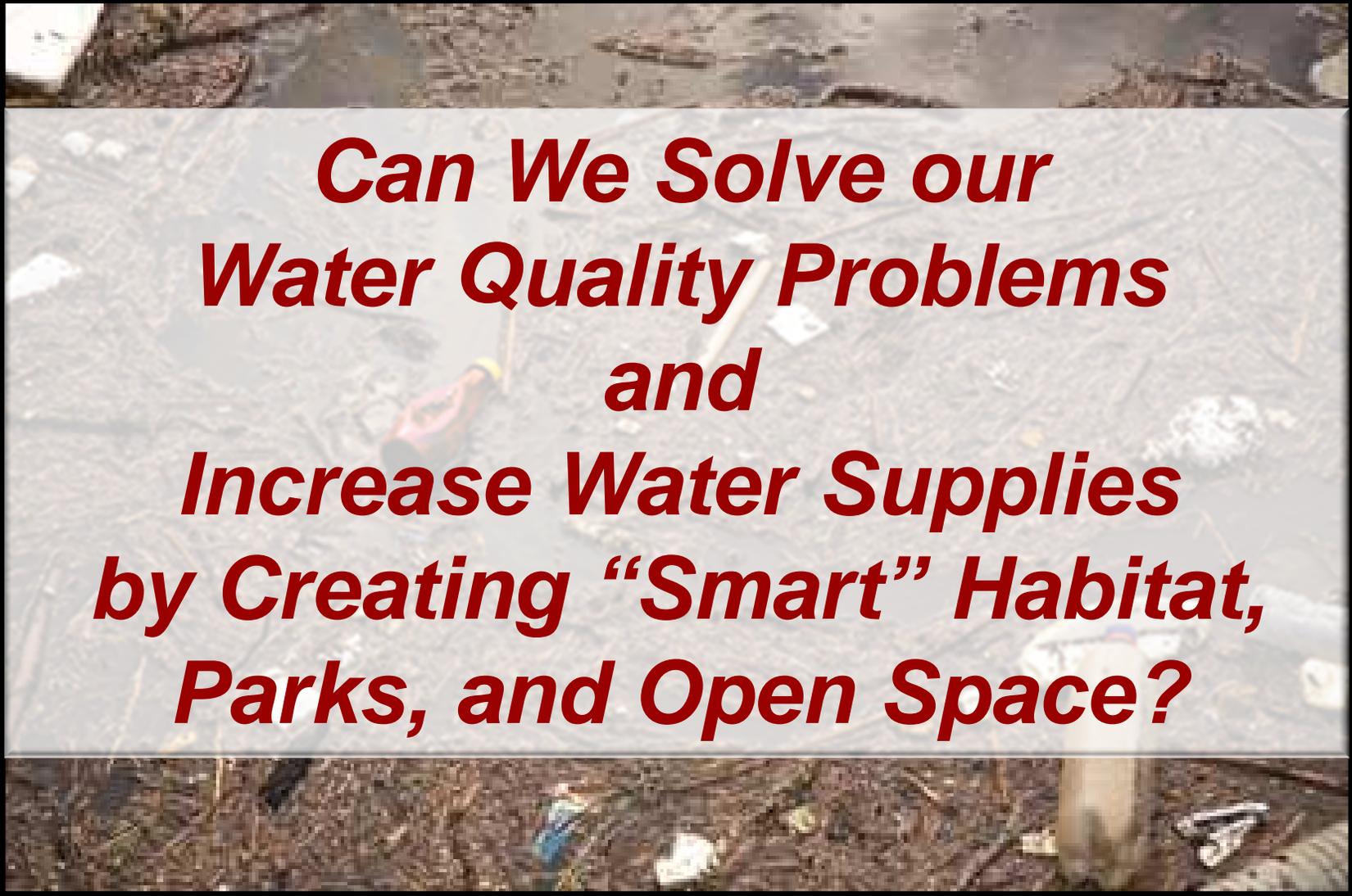




Green Solutions to Water Pollution

LID: Why Low Impact Development is not enough





***Can We Solve our
Water Quality Problems
and
Increase Water Supplies
by Creating “Smart” Habitat,
Parks, and Open Space?***



**THIS IS THE VISION OF
CCS' INNOVATIVE
GREEN
SOLUTION PROJECT**



GREEN SOLUTION PROJECT

Example of Green Solution Project Tujunga Wash Greenway





GREEN SOLUTION PROJECT

Example of Green Solution Project Sun Valley Watershed Project



COMMUNITY CONSERVATION SOLUTIONS

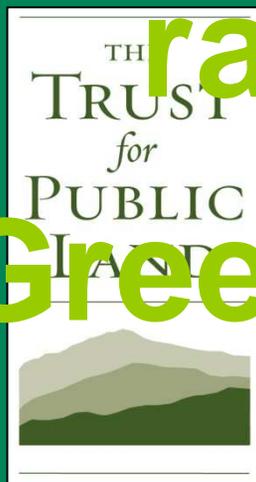
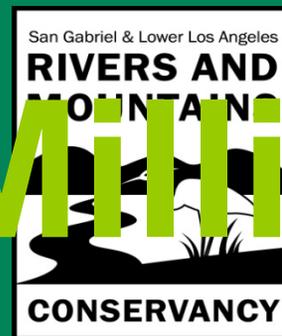
**GREEN
SOLUTION
PROJECT**





GREEN SOLUTION PROJECT

Green Solution Project Funders



\$1.3 Million raised to support Green Solution Project



THE GREEN SOLUTION

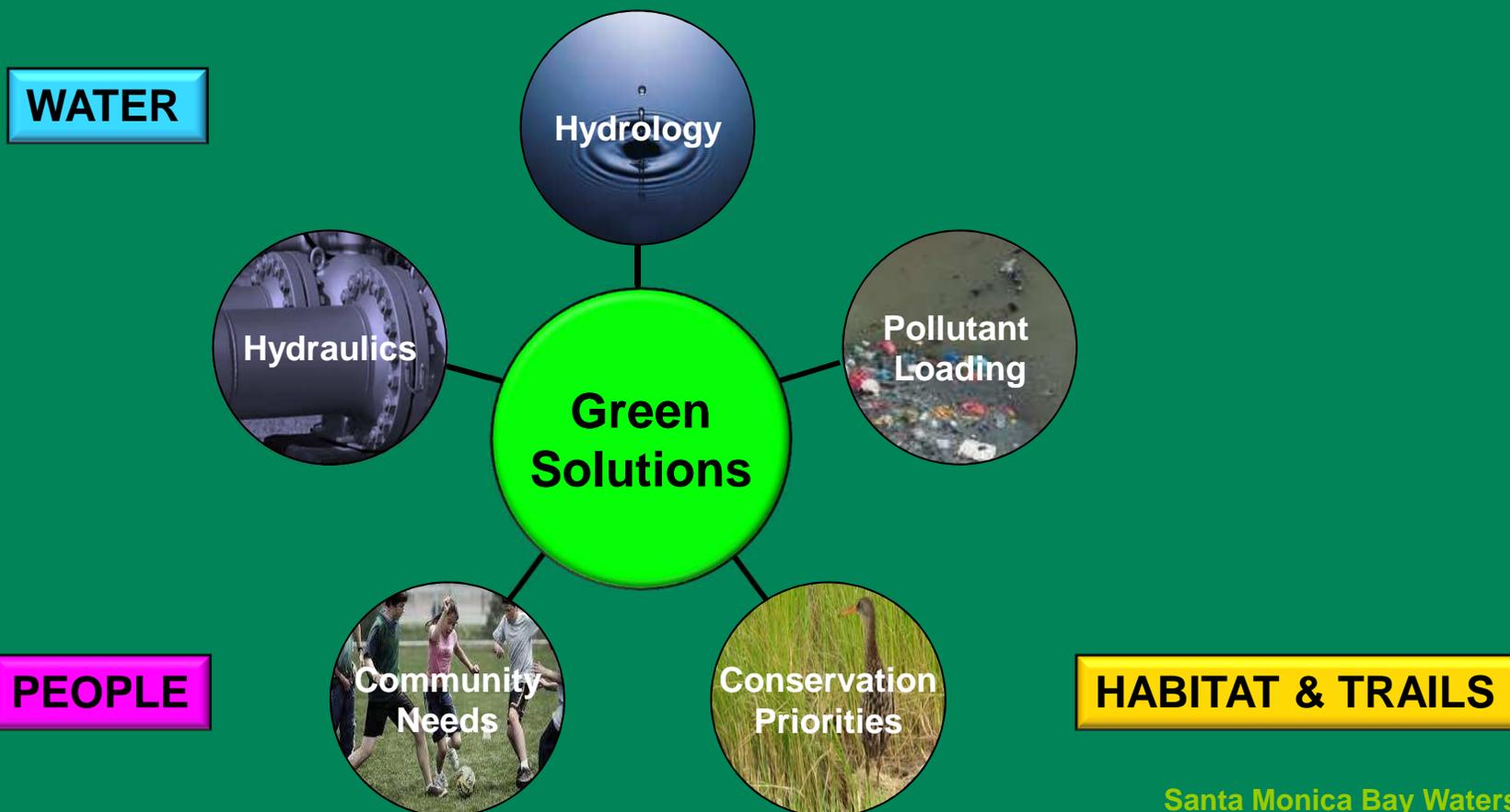
- ◆ **ANALYZE & QUANTIFY** data
- ◆ **PRIORITIZE** water quality improvement projects on lands in public ownership for implementation
- ◆ **INTEGRATE** water quality, conservation and community needs
- ◆ **CONVERT** impervious areas to “smart” green spaces
- ◆ **USE** soils and plants to naturally clean polluted runoff
- ◆ **CREATE** new parks, habitat and open space lands
- ◆ **IMPROVE** water quality in rivers, bays and ocean
- ◆ **INCREASE** water supplies



CCS' Green Solution

Methodology

Integrating Multiple Benefit Factors





CCS Team Technical Analysis

Evaluated All Public Lands in L.A. County
for Green Solution Potential





Public Land Uses Suitable for Green Solution Projects

- ◆ Element
- ◆ Senior a
- ◆ College
- ◆ Develop
- ◆ Undeve
- ◆ Regiona
- ◆ Vacant
- ◆ Comme

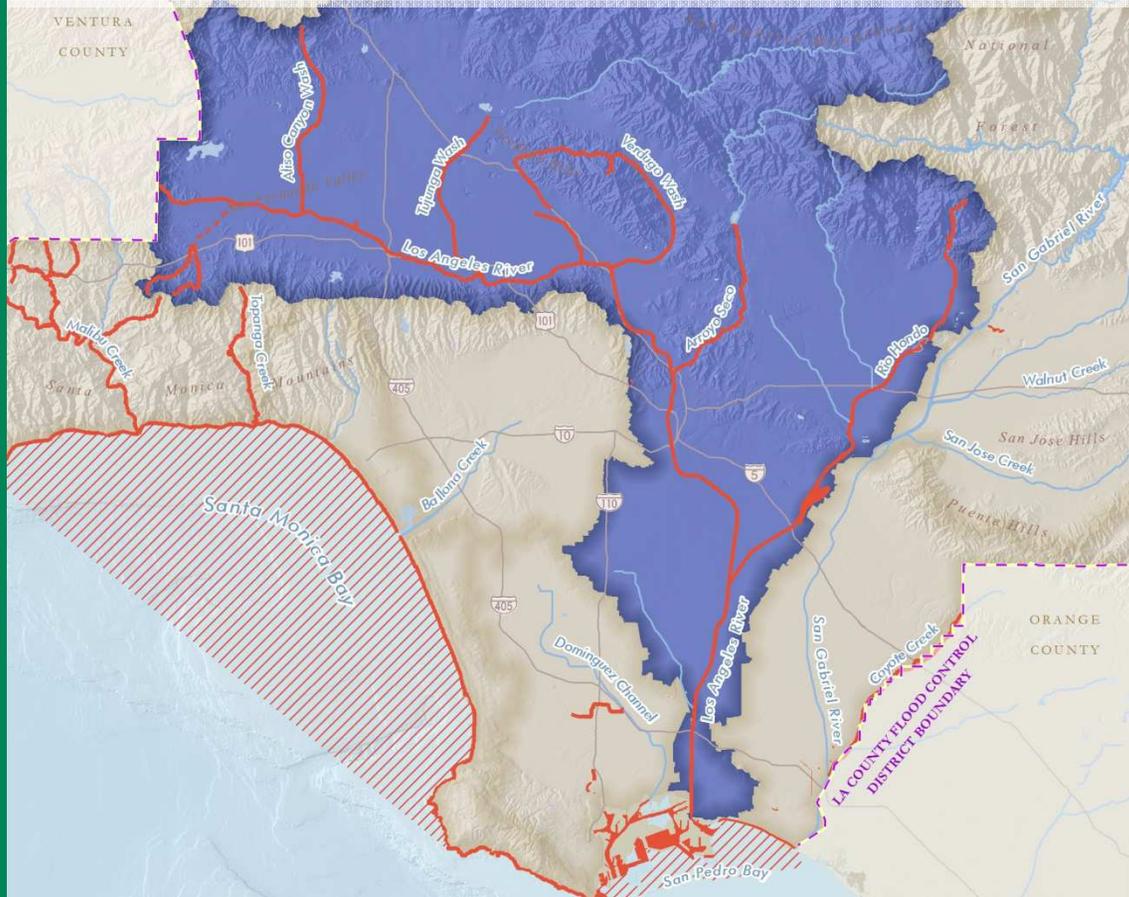
Initial Land Use List		
<p>Abandoned Orchards and Vineyards Airports Attended Pay Public Parking Facilities Base (Built-up Area) Beach Parks Beaches (Vacant) Bus Terminals and Yards Cemeteries Chemical Processing Colleges and Universities Commercial Recreation Commercial Storage Communication Facilities Correctional Facilities Developed Local Parks and Recreation Developed Regional Parks and Recreation Duplexes, Triplexes and 2- or 3-Unit Condominiums and Townhouses Electrical Power Facilities Elementary Schools Fire Stations Freeways and Major Roads Golf Courses Government Offices Harbor Facilities Harbor Water Facilities High-Density Single Family Residential High-Rise Apartments and Condominiums High-Rise Major Office Use Horse Ranches Hotels and Motels Improved Flood Waterways and Structures Irrigated Cropland and Improved Pasture Land Junior or Intermediate High Schools Liquid Waste Disposal Facilities Low- and Medium-Rise Major Office Use Low-Density Single Family Residential Low-Rise Apartments, Condominiums, and Townhouses</p>		

Buildings
Industrial



THE PROBLEM

All of the Los Angeles River is Polluted

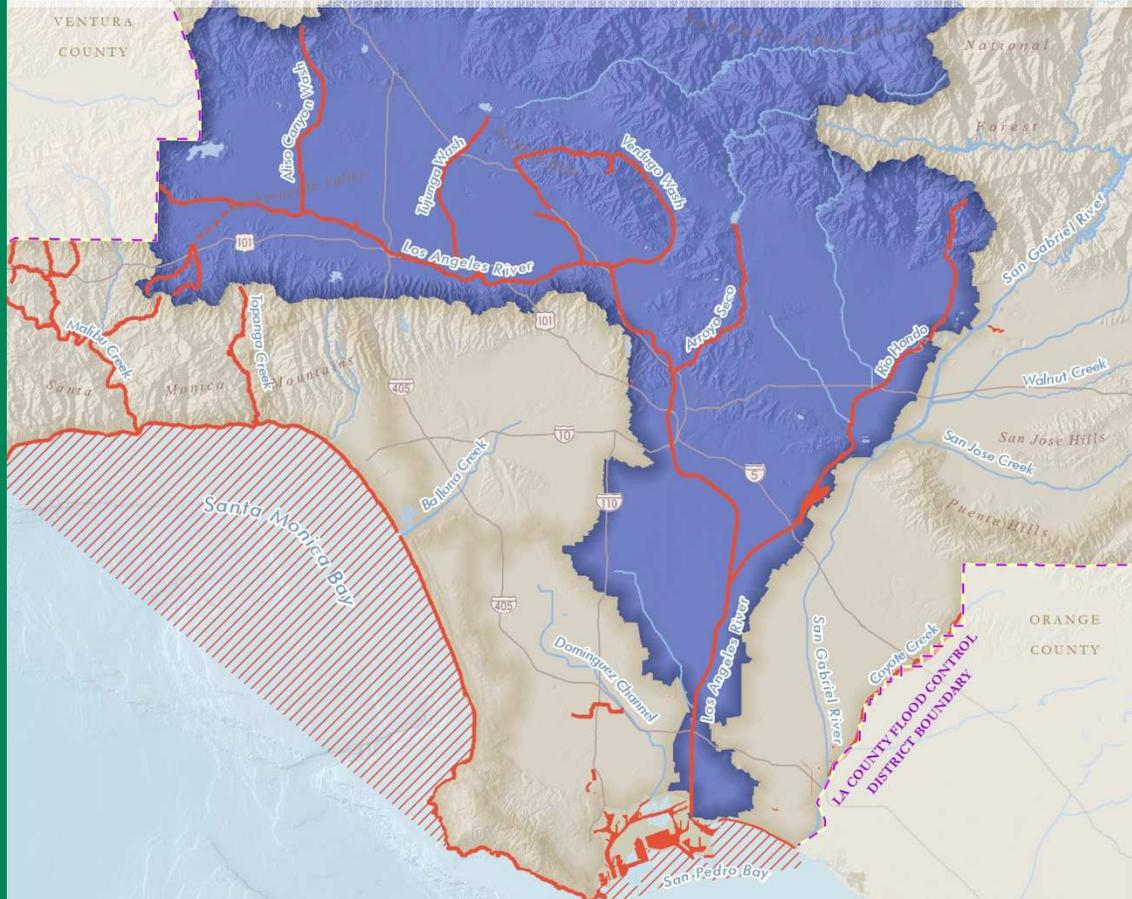


Upper L.A. River Watershed
Phase III



THE PROBLEM

96 Miles of Rivers, Tributaries & Coastline

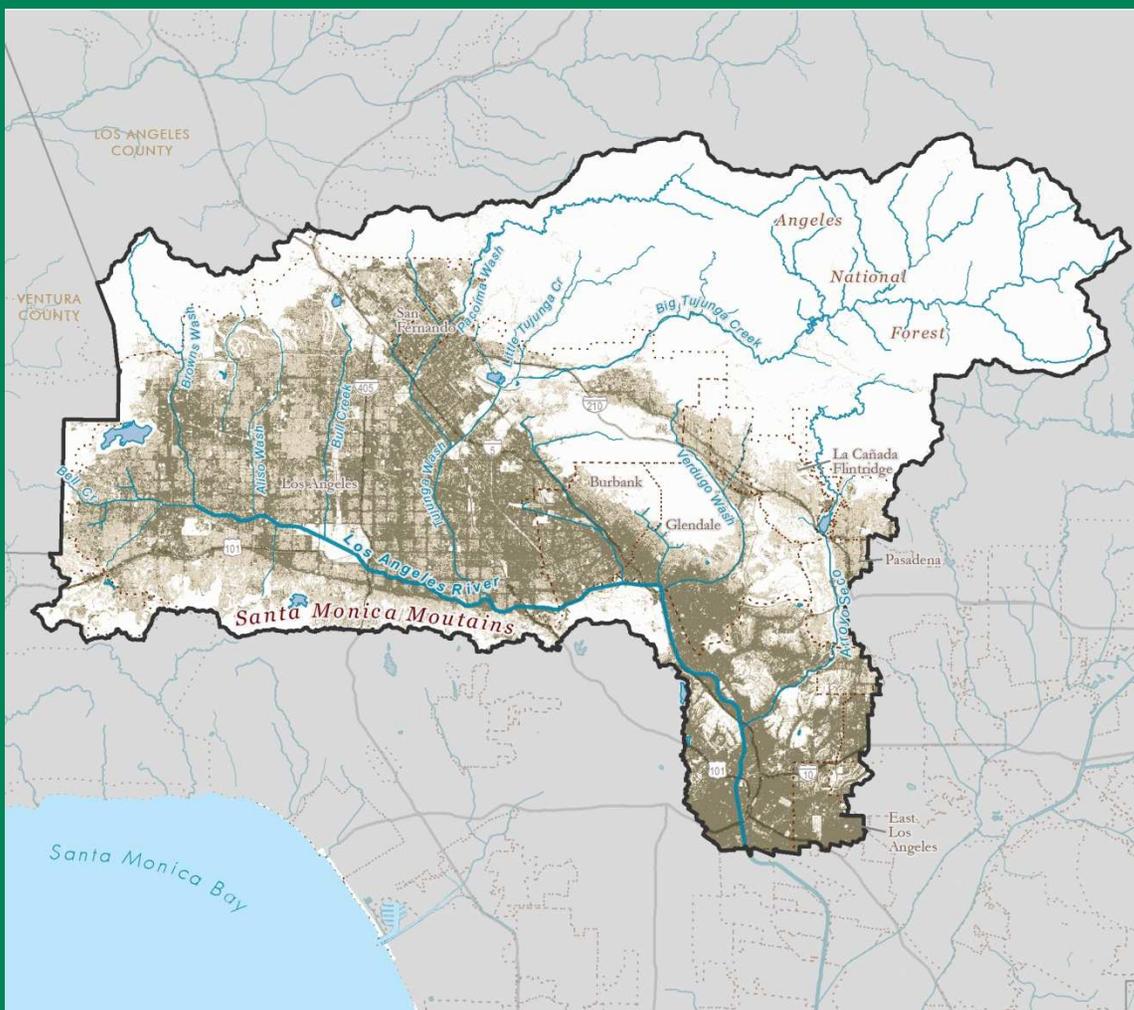




GREEN SOLUTION PROJECT

CCS Team Technical Analysis

Impervious Lands



0-10% impervious

10-50% impervious

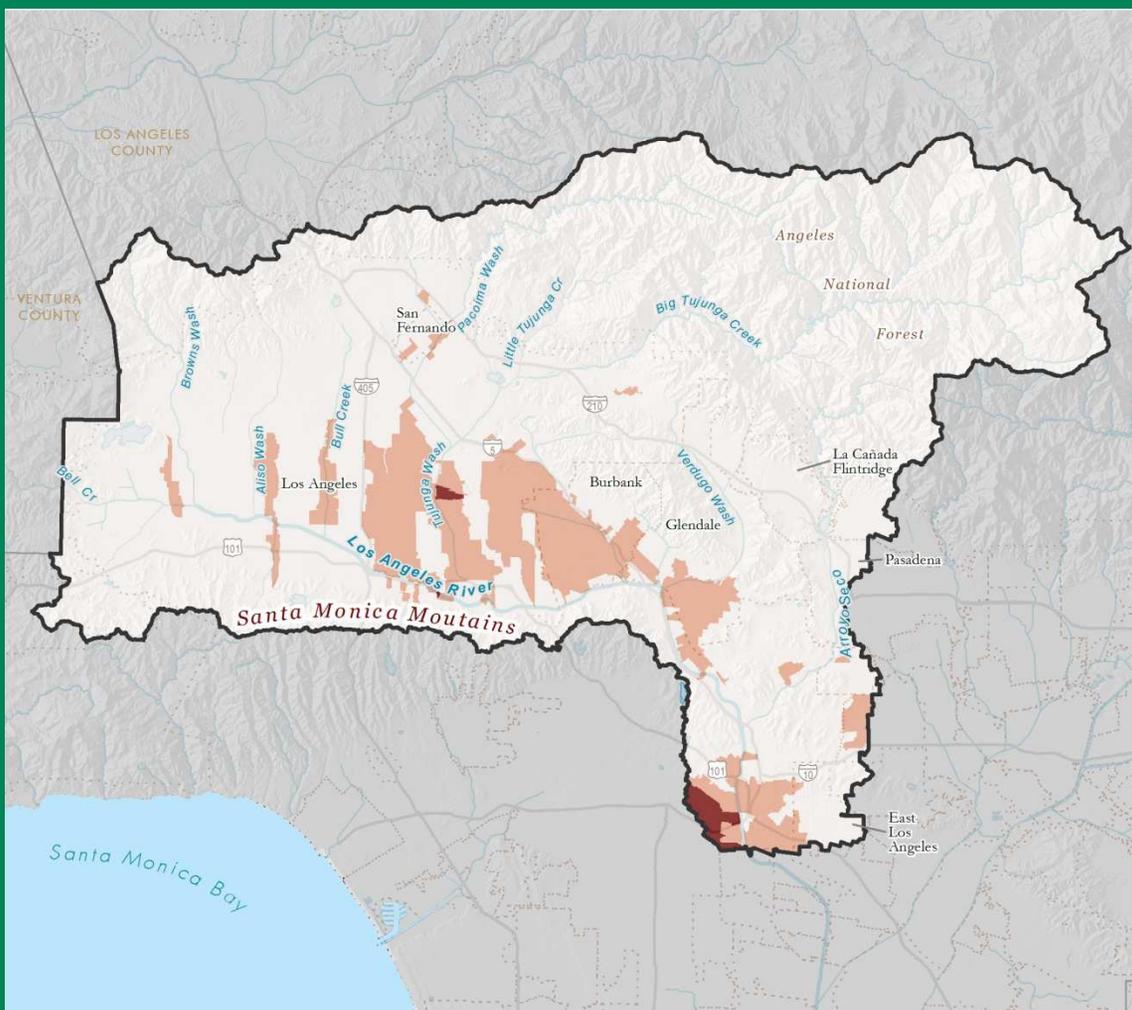
50-100% impervious

Upper L.A. River Watershed
Phase III



CCS Team Technical Analysis

Catchment Prioritization Index (CPI)



Low to Moderate

High

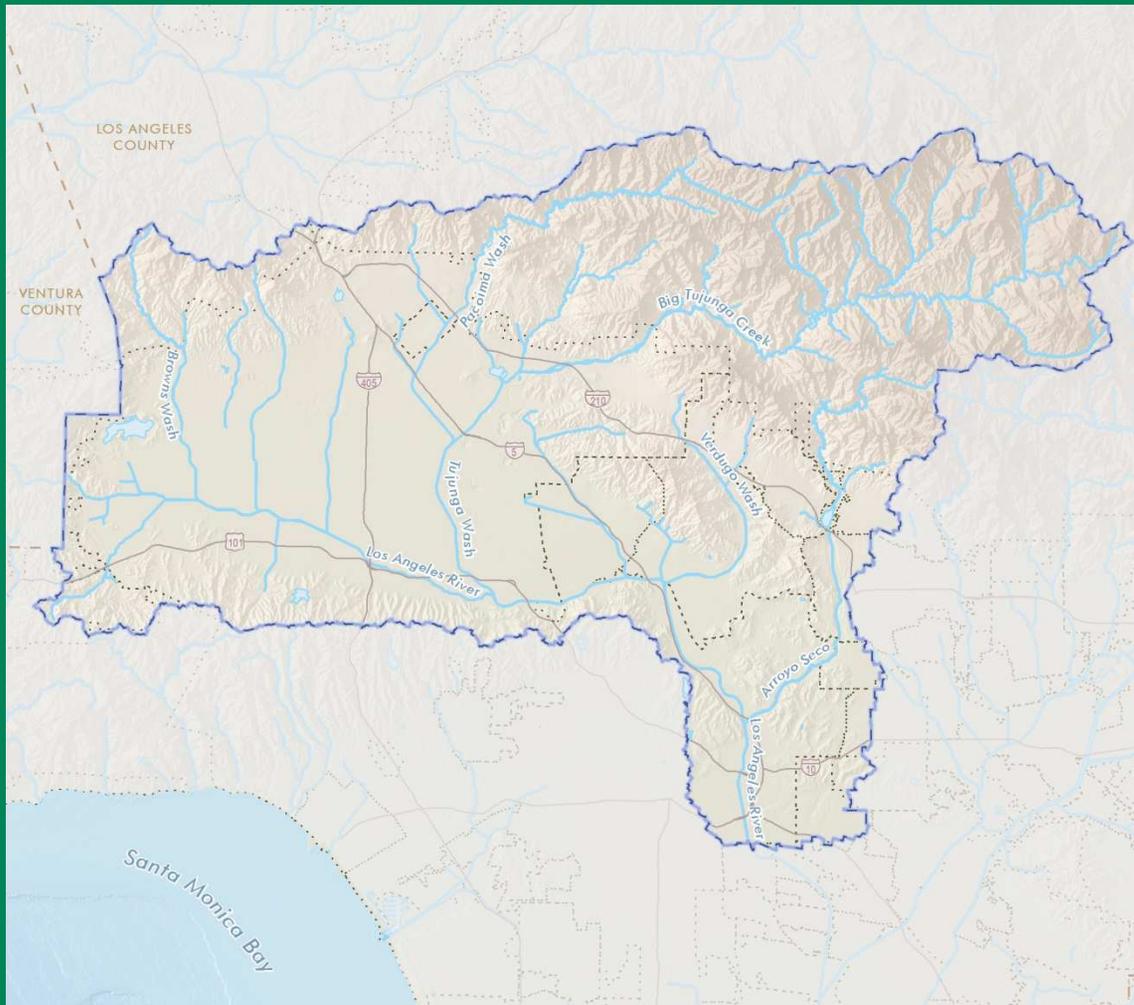
Very High

Upper L.A. River Watershed
Phase III



GREEN SOLUTION PROJECT

Green Solution Project Analysis Upper L.A. River Watershed, Phase I Phase I & Phase II Parcels

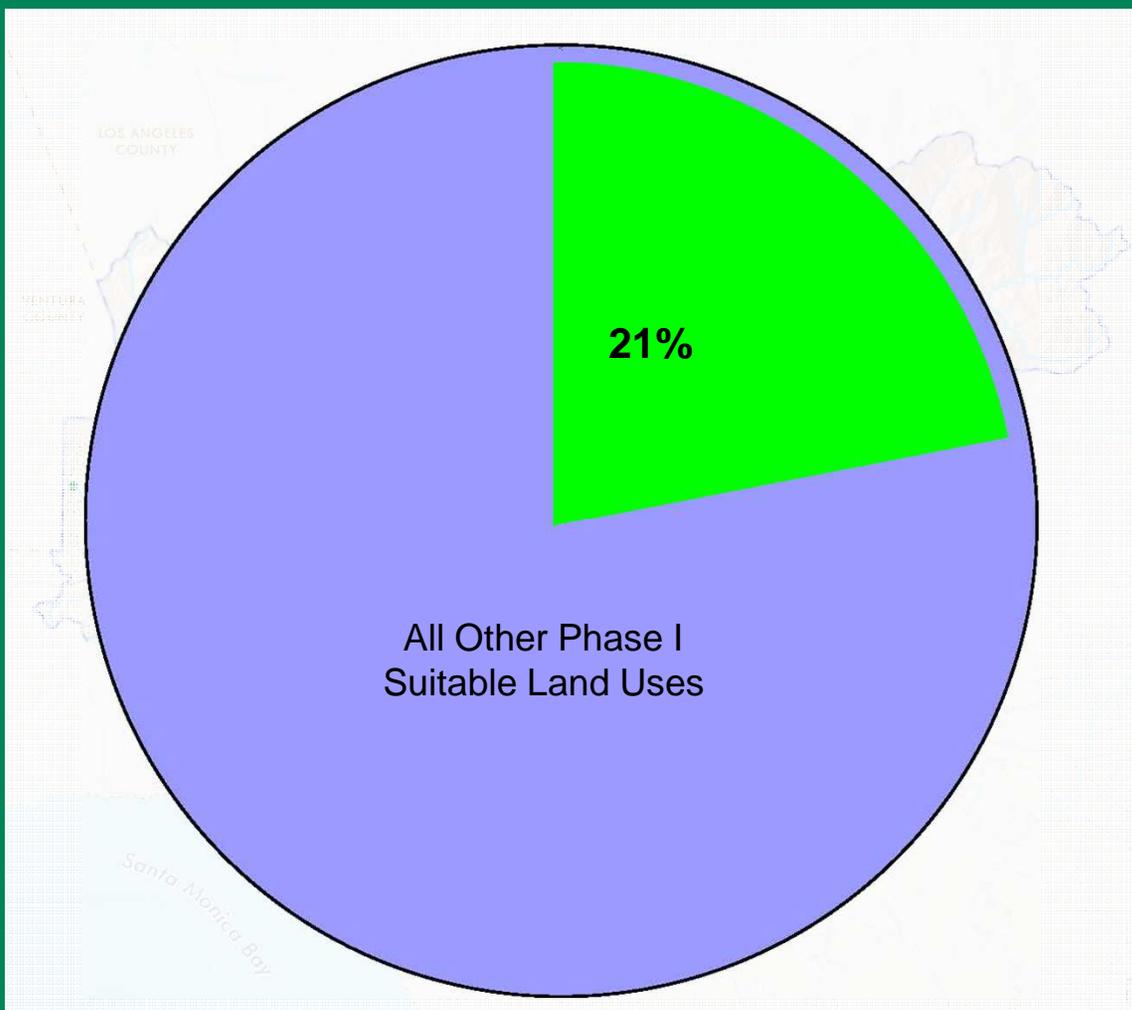


Upper L.A. River Watershed
Phase III



CCS Team Technical Analysis

Phase I & Phase II Parcels



Phase II
Four target land uses

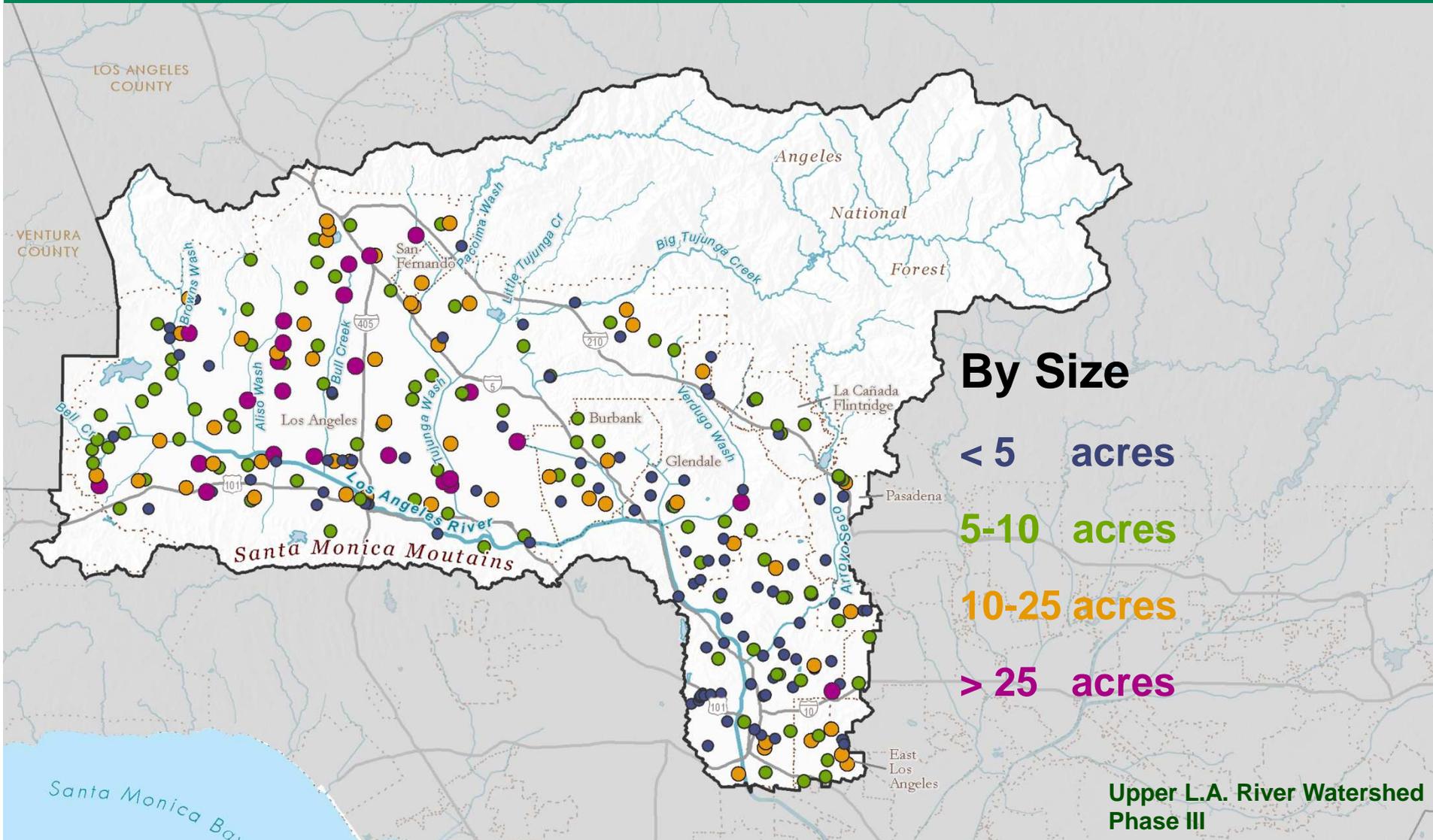
Elementary Schools
Middle & High Schools
Vacant
Colleges

Upper L.A. River Watershed
Phase III



CCS Team Technical Analysis

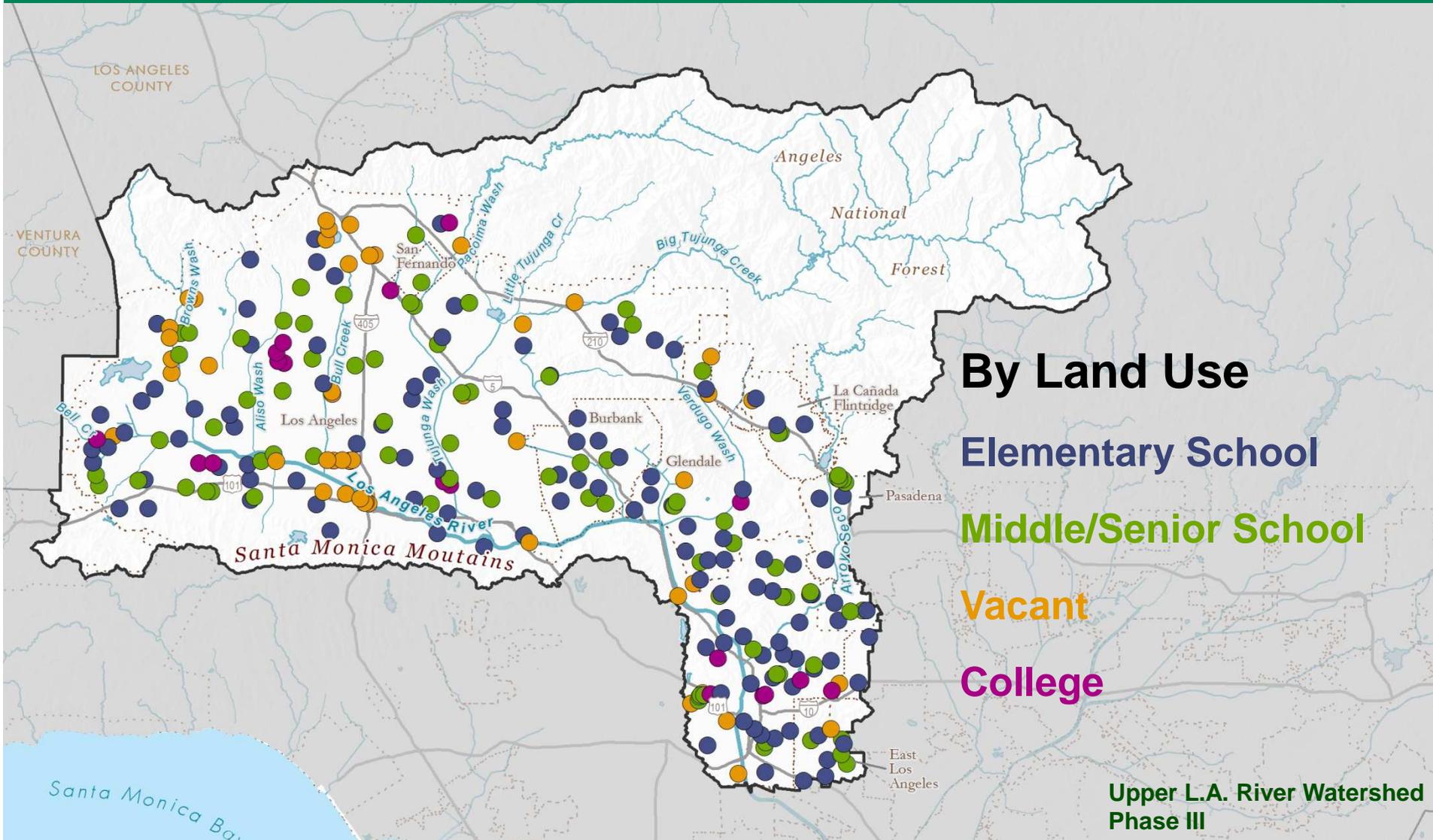
Opportunity Public Parcels





CCS Team Technical Analysis

Opportunity Public Parcels







**CCS' Green Solution provides
a quantified & integrated
approach to
prioritize projects**



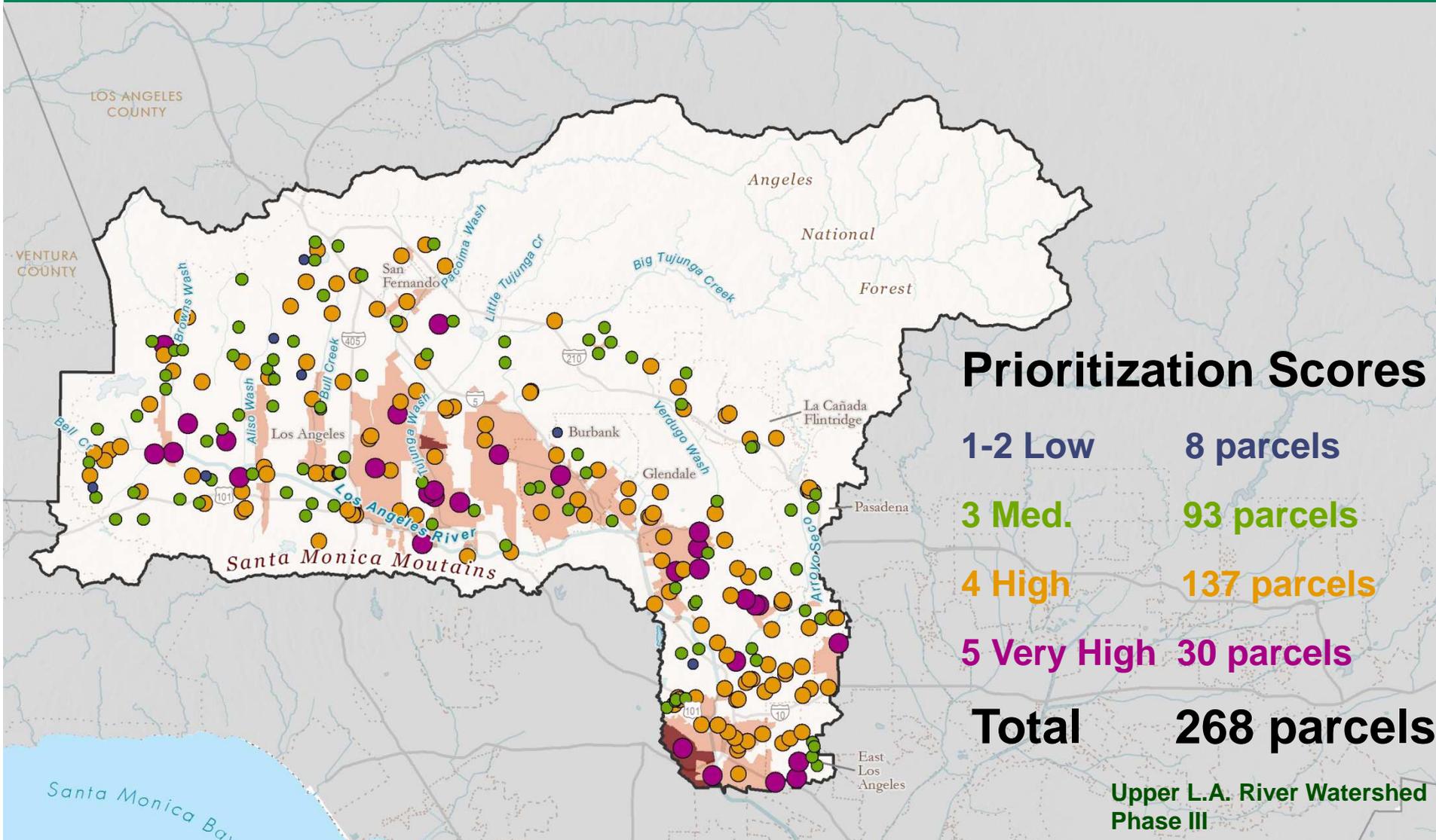
CCS creates a **prioritized** “road map”
by watershed identifying projects with:

- Highest runoff capture volume
- Greatest water quality improvement
- Greatest community benefit
- Greatest conservation benefit
- Most cost effective



CCS Team Technical Analysis

Opportunity Public Parcels





GREEN SOLUTION PROJECT

Green Solution Project, Phase Three

Upper L.A. River Watershed

SUMMARY of PRIORITIZED PARCELS

**268 Potential Green Solution Projects on
3,146 Acres of School, College and Vacant Lands**

Create 956 Acres of New Parks, Habitat & Open Space

**RUNOFF TREATMENT POTENTIAL:
Up to 26,311 acres**

Upper L.A. River Watershed
Phase III



GREEN SOLUTION PROJECT

Green Solution Project

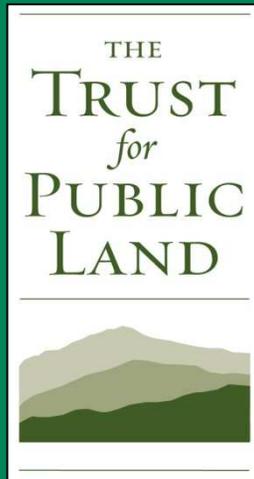
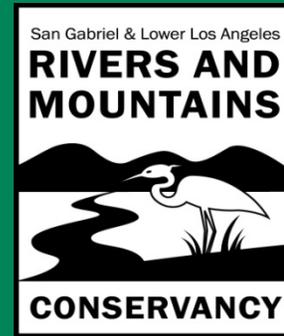
STRATEGIC ♦ QUANTIFIED ♦ PRIORITIZED





GREEN SOLUTION PROJECT

Green Solution Project Funders





*Solving Problems where
People and Nature Intersect*

For More Information:

www.conservationsolutions.org/greensolution.html

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