

# Community Watershed BMP Strategy

- ✓ Identified need for coordinated strategy development
- ✓ Holistic outreach and education need
- ✓ Need for post-SNPLMA implementation and funding process

# Community Watershed BMP Strategy

- ✓ Fundamentally a continuation of the BMP Retrofit Program
- ✓ Intended to better address needs of communities, agencies and programs
- ✓ Area-wide planning = community based conservation strategies
- ✓ Provide needed coordination and assistance to local communities
- ✓ Assist local government with TMDL load reduction allocations and responsibilities
- ✓ Allow communities to better understand and support conservation and restoration efforts
- ✓ Engage broader elements of the community

# Placer County Stormwater TMDL Strategy

## Strategy Concepts

Concept 1 – Intensive Water Quality Improvements (26%)

Concept 2 – Advanced Road Operations (38%)

Concept 3 – BMP Implementation (23%)

# Placer County Stormwater TMDL Strategy

“Concepts 2 and 3 would require some shift in institutional practice to implement along with additional personnel resources”

“Concept 3 focuses on reducing pollutant loads and runoff volumes from private property, which has traditionally not been directly addressed by public water quality improvement projects.”

“Concept 3 would require an institutional shift combining public outreach and coordination, incentive programs, funding, enforcement, and intensive collaboration amongst Basin Jurisdictions...”

“All three concepts provide effective tools to meet TMDL targets and probably no single concept should be adopted as a preferred strategy”

“In addition to water quality benefits and costs, objectives such as community development, transportation, public safety, recreation, and environmental restoration may factor into developing a preferred strategy”

“A high priority should be placed on implementation and maintenance of private property BMPs”

3/14/2011



**Watershed  
Restoration Potential Score**

Restoration Potential based on TMDL (15 pts),  
Erosion Hazard (15pts), EIP(10pts), Percent  
BMP Compliance (10pts), TYC (5pts)

The color of the watershed indicates its rank  
Red being the highest restoration potential  
and green being the lowest

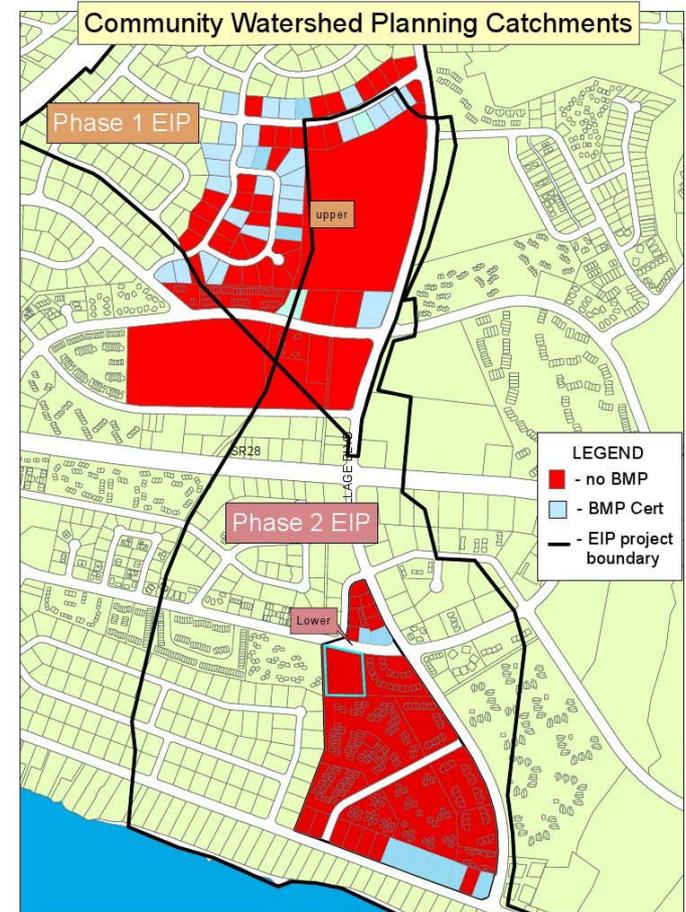
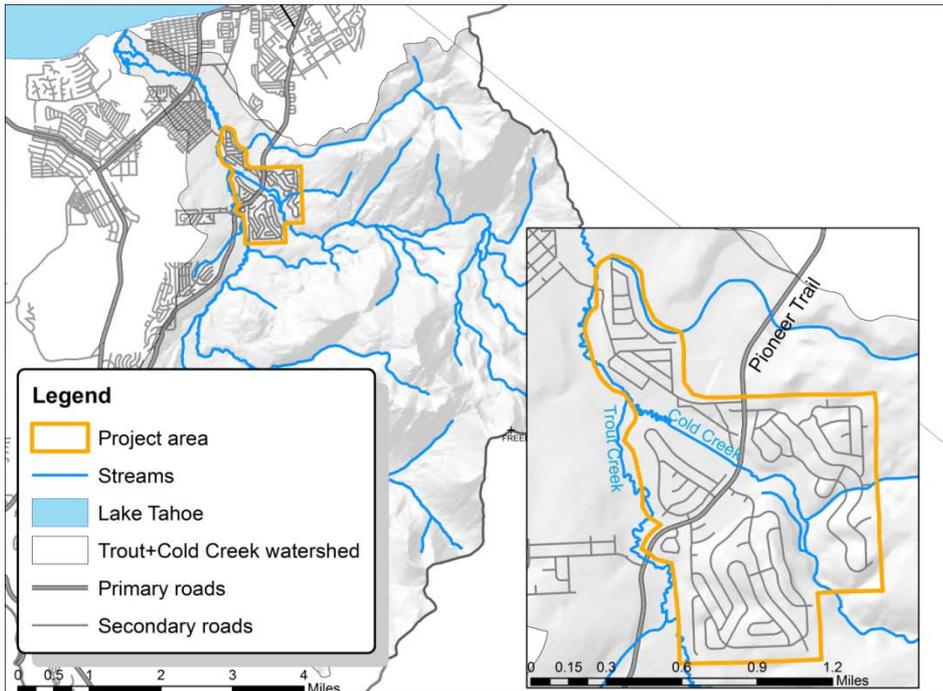


## Watershed Selection Process

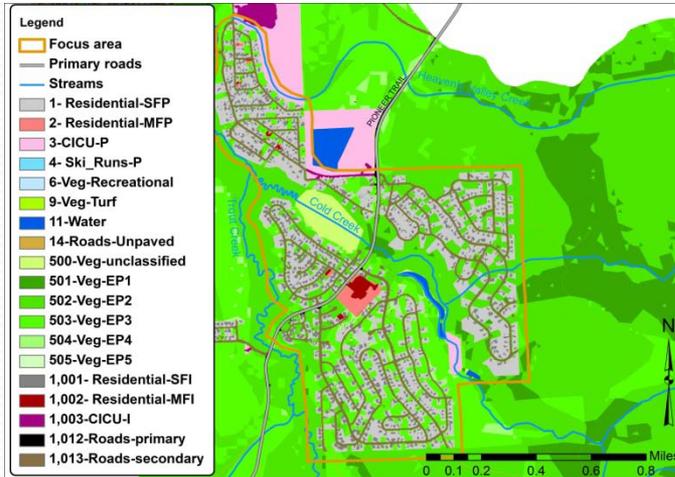
- ✓ Sediment Loading Estimates
- ✓ Erosion Hazard
- ✓ Proximity to EIP Project
- ✓ Percent BMP Compliance
- ✓ Fire Hazard
- ✓ Presence of Tahoe Yellow Cress

# Pilot Community Areas

- ✓ Montgomery Estates, CA
- ✓ Incline Village, NV



# Montgomery Estates



## Community Coordination

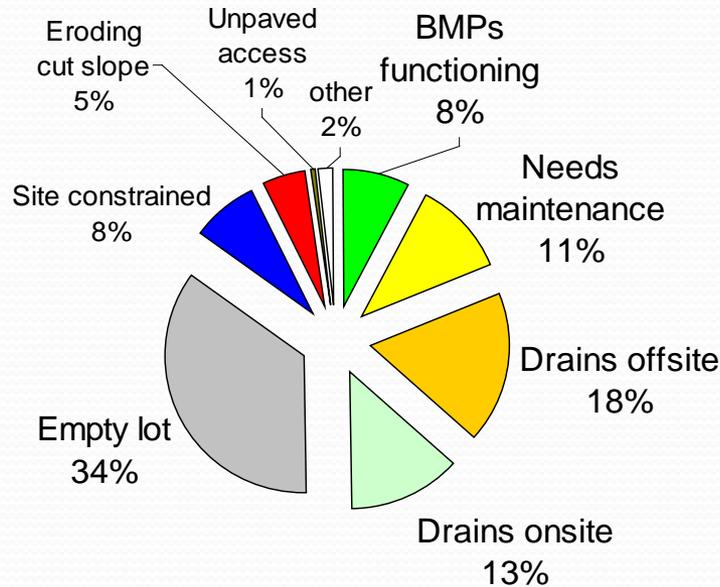
- ✓ Improved understanding
- ✓ Community stewardship
- ✓ Shared-use facilities
- ✓ Full community participation
- ✓ Program/project integration

## TMDL Linkages

- ✓ Focused Implementation
  - ✓ Land-use
- ✓ Load Estimates/Allocations
- ✓ Load Reduction Credits
  - ✓ PLRM
- ✓ Event Mean Concentrations
  - ✓ Research



# Montgomery Estates

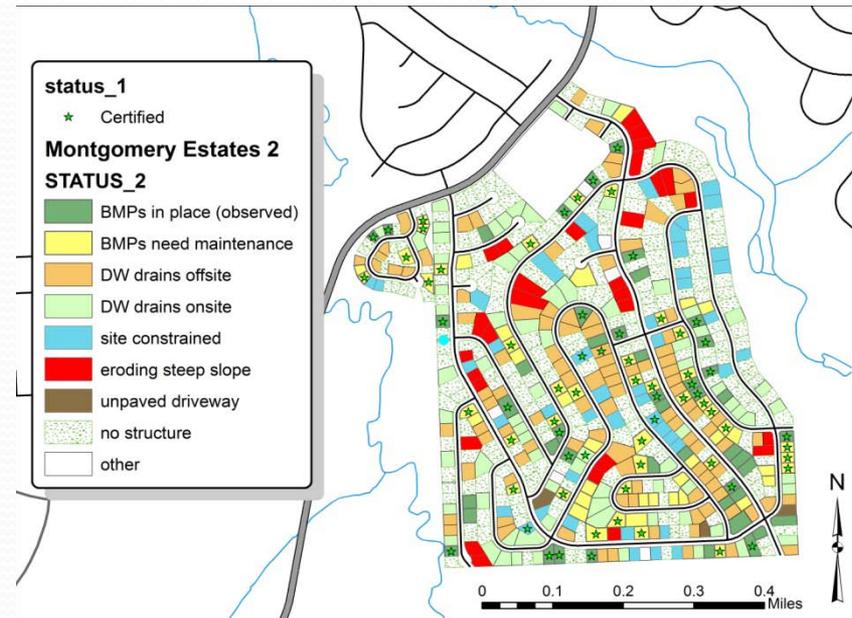


## Applied Methods

- ✓ EPA, NRCS Watershed Planning
- ✓ Documented Success
- ✓ Addressing Identified Needs

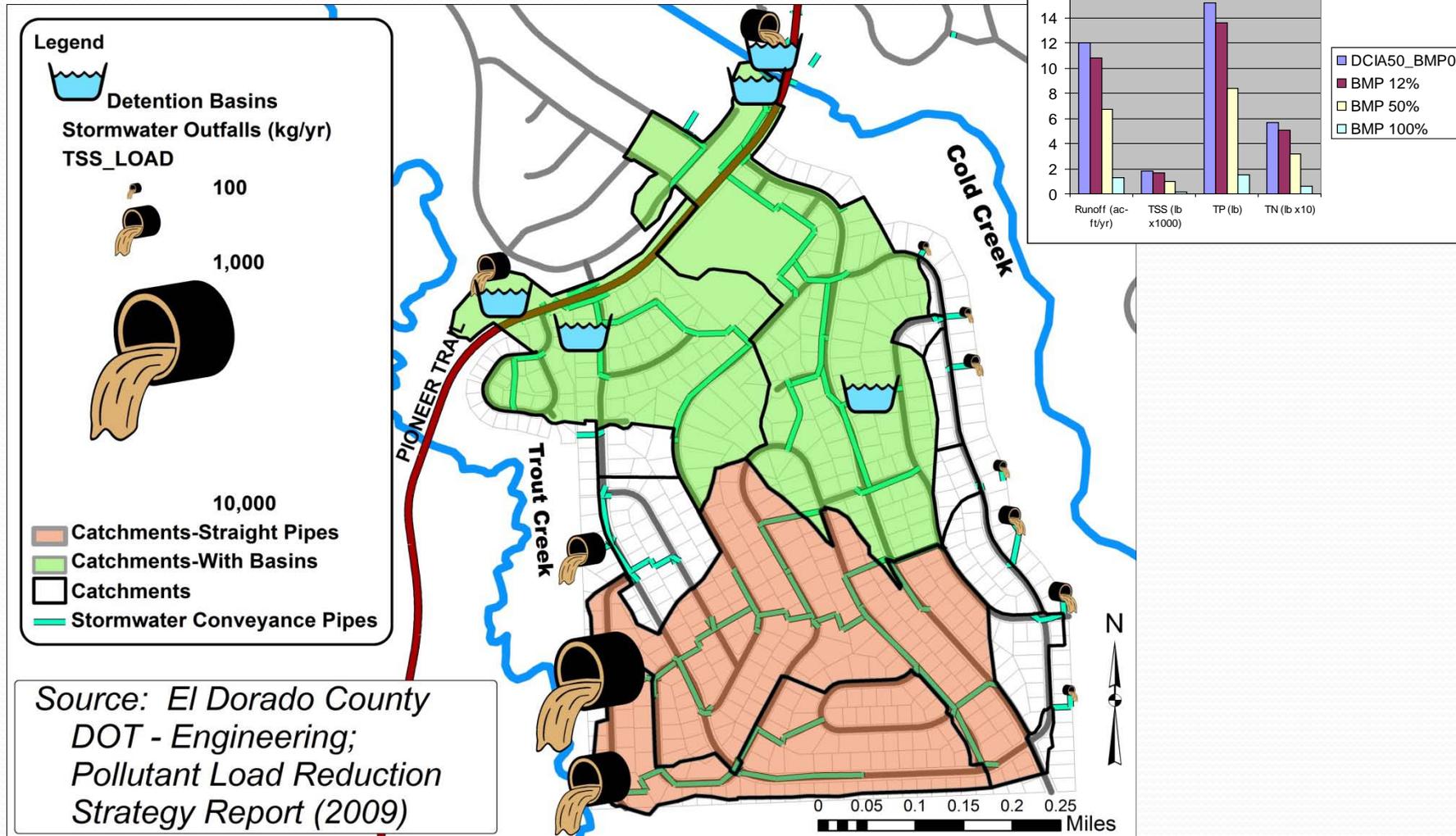
## Community Scale

- ✓ Focused Implementation
- ✓ EIP Project Efficiency
- ✓ Full community participation
- ✓ Integrated restoration strategies



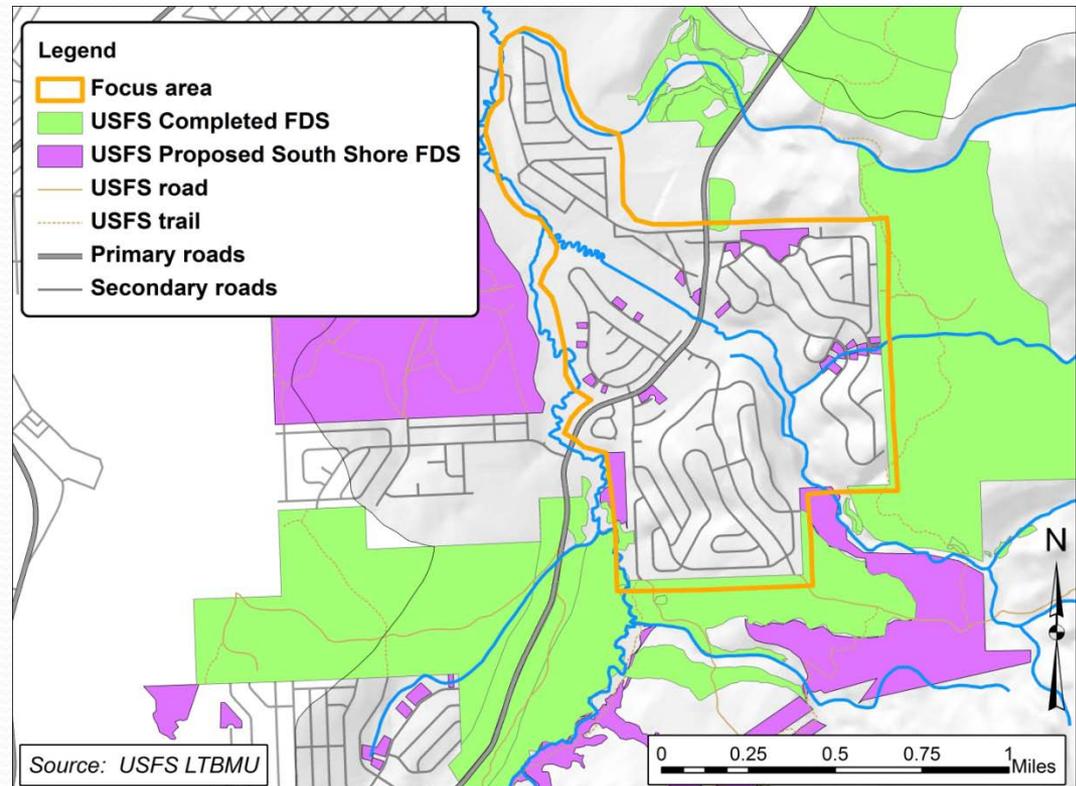
Figures for comparative purposes only

# Science Based Community Specific Outreach



# Integrated Resource Outreach

- ✓ One-stop information resource
- ✓ Increase public understanding
- ✓ Increase public participation
- ✓ Multiple resources
  - Water Quality
  - Fire
  - Wildlife
  - Recreation
  - Scenic Enhancement
- ✓ Multiple Community Audiences
  - Commercial
  - Residential
  - Public Facilities
  - Roads Improvements



# Deliverables

- ✓ BMP Retrofit Assistance
- ✓ Integrated community based restoration strategies
- ✓ Application of TMDL tools on a community scale
- ✓ Opportunities for shared use facilities
- ✓ Enhanced science based outreach and education tools
- ✓ Focused EIP implementation assistance
- ✓ Identified opportunities for future funding – Post SNPLMA
- ✓ Greater organization amongst local governments