



El Dorado County  
Water Agency

2019 Water Resources  
Development and  
Management Plan

# Plan Advisory Group Meeting #7

June 26, 2019



# Agenda

1. Welcome and Agenda Review
2. Recap and Project Overview
3. Draft Plan Review
4. Anticipated Plan Progress for Next Meeting
5. Recap, Action Items, and Next Meetings
6. Adjourn





# Safety Moment

Aggressive Driving

## AGGRESSIVE DRIVING IS:



**SPEEDING**



**RUNNING  
LIGHTS &  
SIGNS**



**TAILGATING**



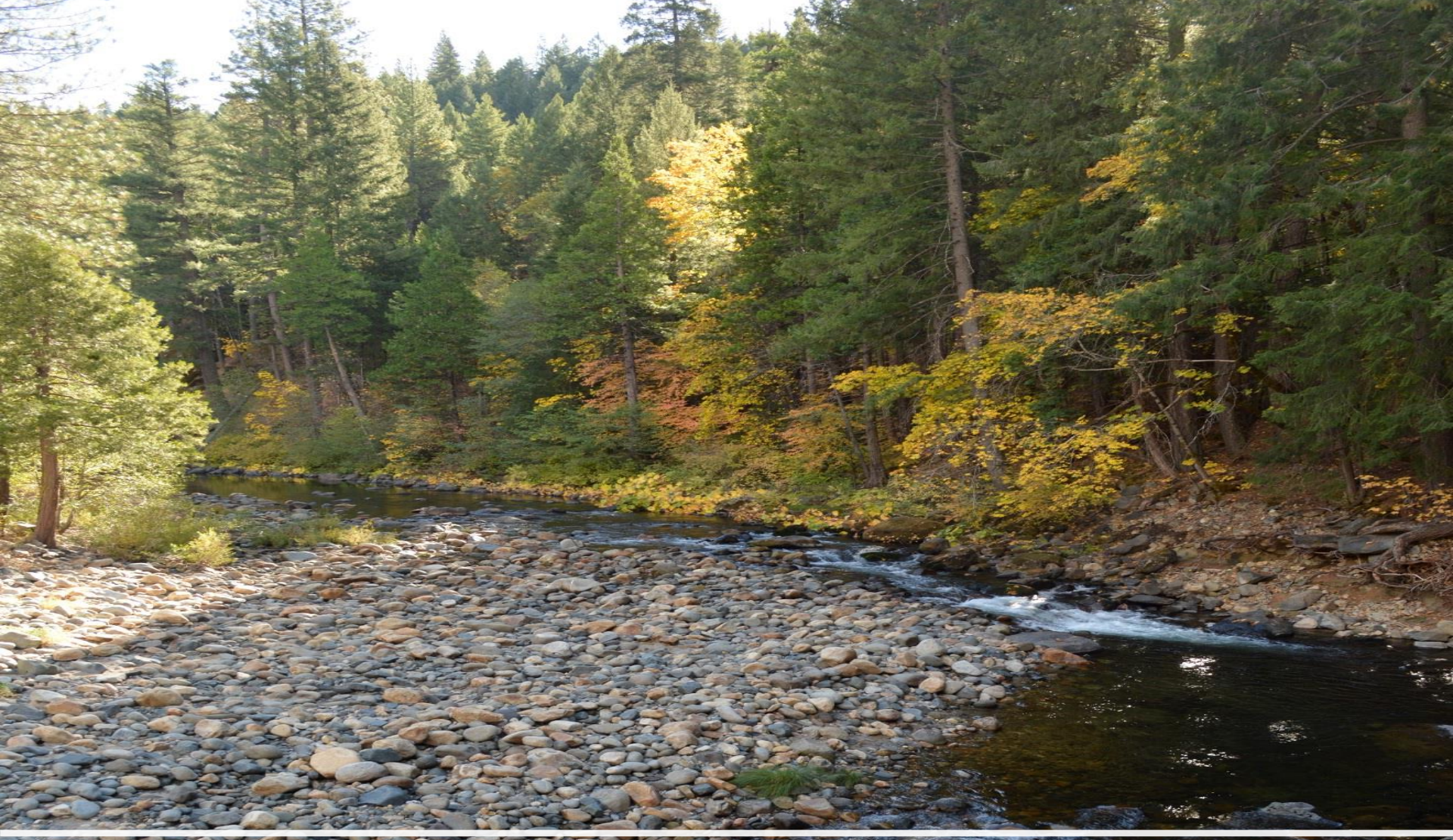
**IMPROPER  
PASSING**



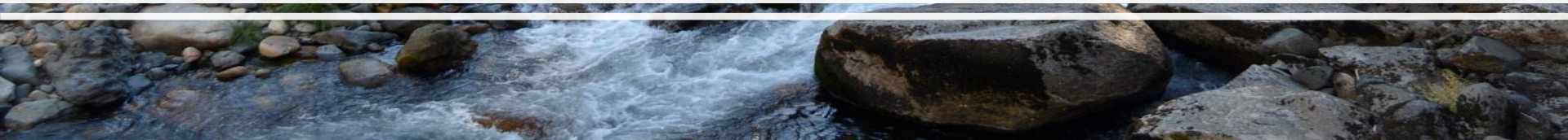
**WEAVING**







## Recap and Project Overview





## Recap from PAG Meeting #6

- Received feedback on the working draft 2019
- Continued the discussion on the resources management strategies and how the Agency may lead/ coordinate/ support
- Provided an overview on the Agency's near-term actions and future investments

# Agency's 2019 WRDMP



Why We Do It



Who Are Responsible



What Is Ahead



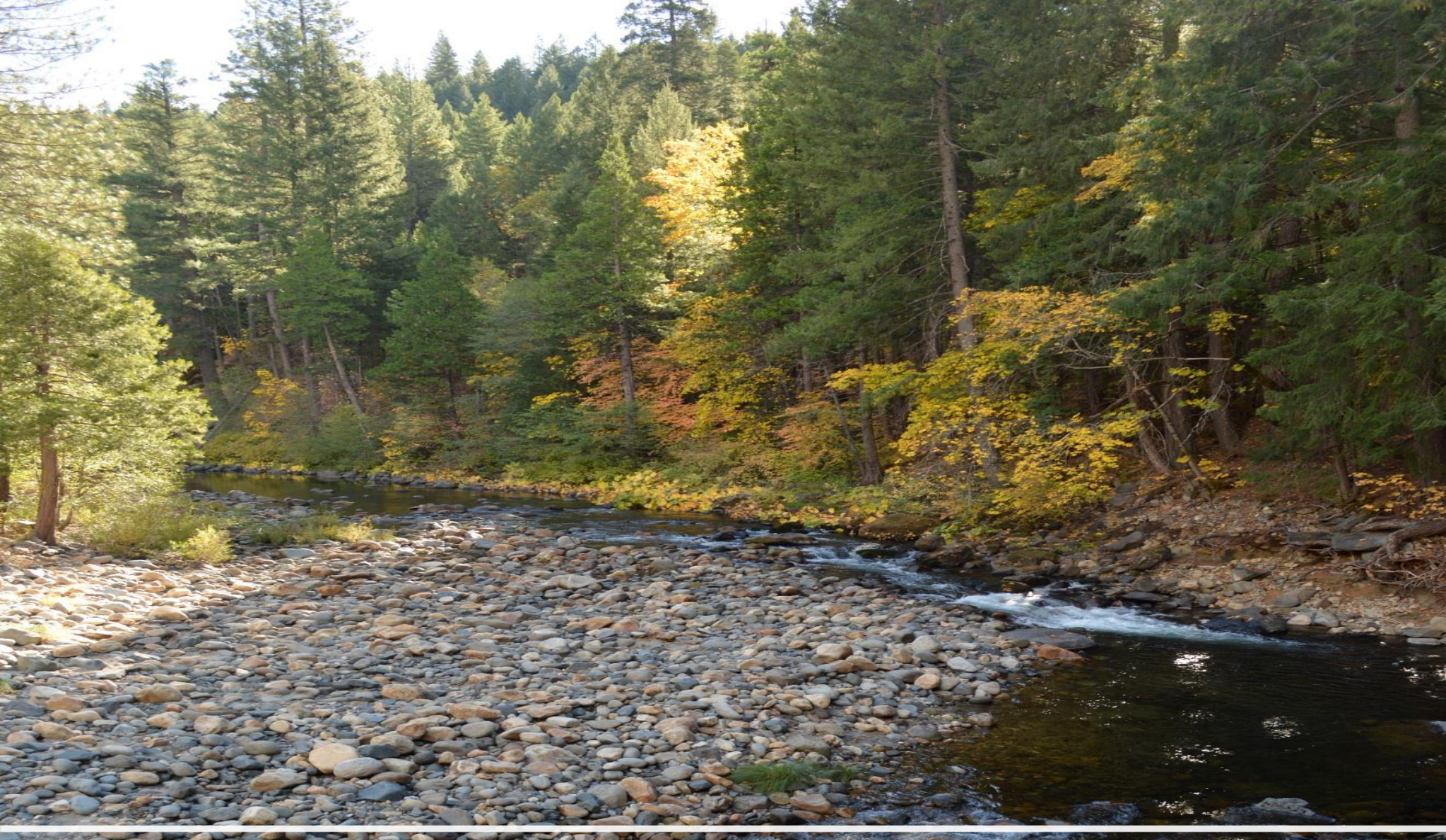
How We Do It



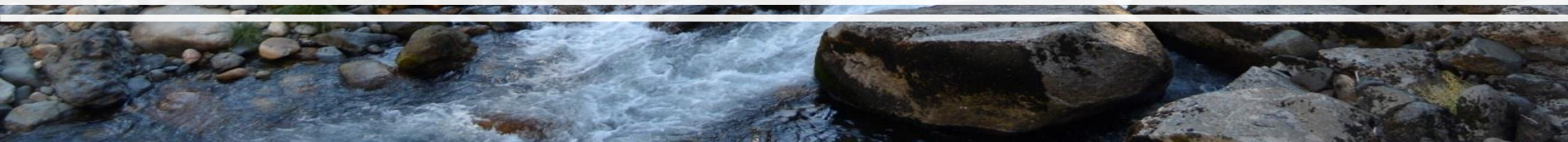
What We Do

- **Supports realization of the County's General Plan vision for economic development, environmental protection and social well-being.**
- Is a concise document for policy guidance focusing on the Agency's investment and actions
- Is being developed collaboratively, respecting roles and responsibilities
- Is scheduled for completion in August/September 2019, subject to the Agency's Board adoption.



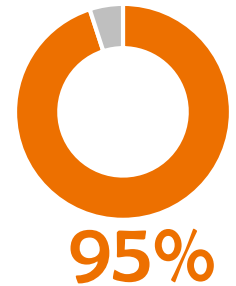
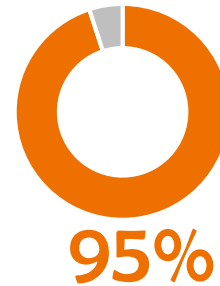
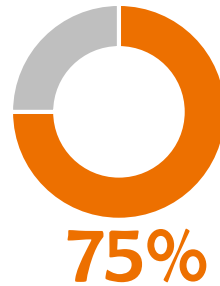
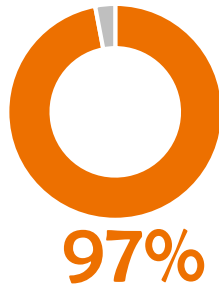
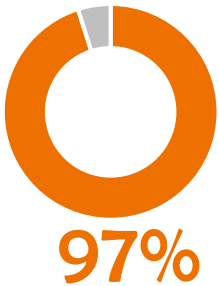


# Draft Plan Review





# 2019 WRDMP Progress Update



 **Major Piece:**  
Supply-Demand  
Scenarios



## Draft Plan Review

- Review of Sections 1, 2, and 3
- Update on demand, supply, and imbalance scenario evaluation
- Discussion of Sections 4 and 5

# Sections 1, 2, and 3



Why We Do It



Who Are Responsible



What Is Ahead



How We Do It



What We Do

- **Changes from last time (PAG #6)**
  - Content and figure updates
  - Updated graphic layout
- **Input and comments**



# Supply-Demand Analysis

2019 WRDMP



## Climate Change Inputs

Precipitation | Temperature | Evapotranspiration | Unimpaired Streamflows

The climate change inputs have been developed as part of the **American River Basin Study**

### El Dorado County General Plan Capacity

#### Agricultural Demands

- Parametrically evaluated irrigated land use under a range of water and land development costs

#### Municipal and Industrial Demands

- Demand projections by purveyors' service areas and other county areas
- Water conservation recommendations

**Agricultural Demand**

**Urban Demand**

**Hydrology**

## System Analysis

Analytical Tool: CalSim III Upper American Module

The CalSim III Upper American Module has been developed as part of the **American River Basin Study**

### Potential Supply-Demand Imbalance

- Overall conditions
- Drought conditions
- Geographical disparity
- Range of uncertainty

2019 WRDMP Update

# CalSim III Representation of El Dorado County

2019 WRDMP

**Urban Demand**

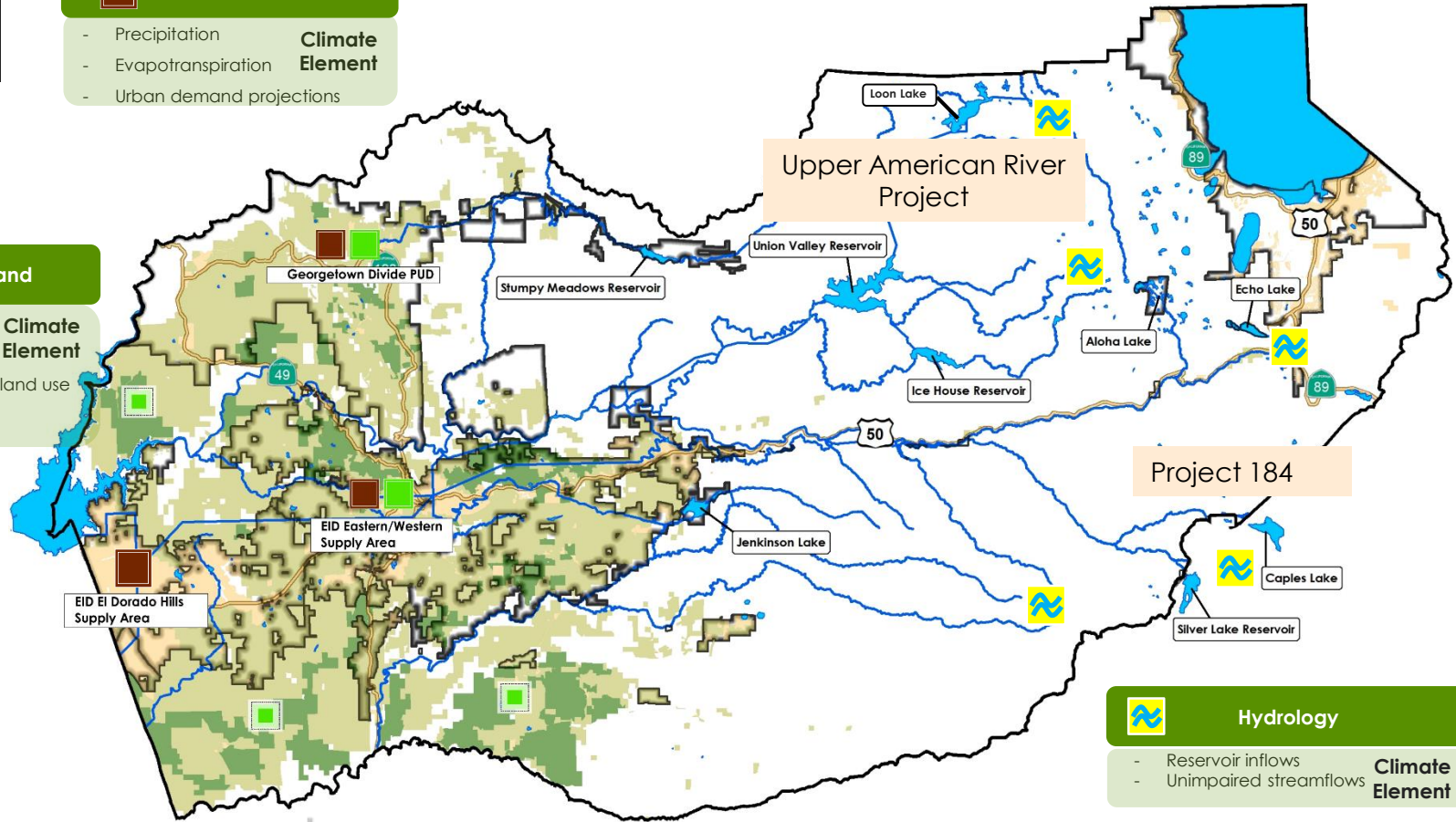
- Precipitation
- Evapotranspiration
- Urban demand projections

**Climate Element**

**Agricultural Demand**

- Precipitation
- Evapotranspiration
- Agronomically viable land use and crop distribution

**Climate Element**



**Hydrology**

- Reservoir inflows
- Unimpaired streamflows

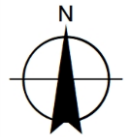
**Climate Element**

## El Dorado County West Slope Land Use

- Urban Land Use
- Agricultural Land Use
- Rural/Agricultural Land Use
- Existing Water Purveyor Service Area

## CalSim III Representation

- Urban Demand Unit
- Agricultural Demand Unit
- Potential New Ag Demand Unit Outside of Existing Water Purveyor Service Areas
- Surface Water Conveyance Represented in CalSim III
- CalSim III Hydrologic Inputs





# Sections 4 and 5



Why We Do It



Who Are Responsible



What Is Ahead



How We Do It



What We Do

- **Continuing discussion today**

- Content based on team brainstorming and Plan Advisory Group Feedback
- Add/subtract/modify

## Section 4\_Framing



- **Strategy through the lens of water resource management that is mindful of statewide and national trends**
  - Locally-grounded perspective
  - Tangible outcomes to improve conditions of water resources management (*see Section 3*)
  - Collective efforts by the County and its water resource management agencies, weighted more on what may be missing or largely deficient where attention would be warranted
  - Agency specific roles during implementation:
    - Lead (active development-oriented actions)
    - Facilitate (valued-added assistance-oriented actions)
    - Support (coordinated participation-oriented actions)

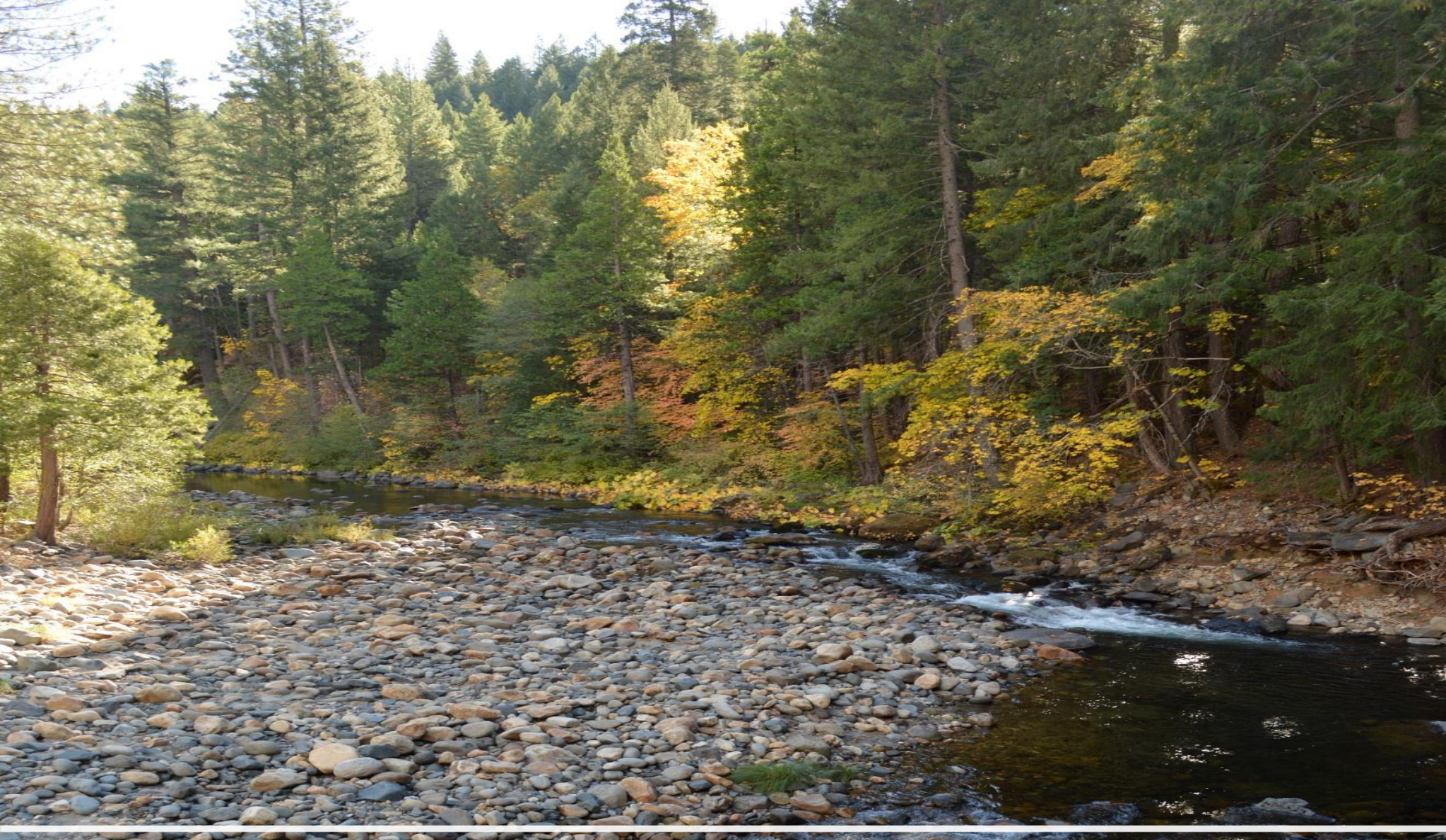


## Section 5\_Framing

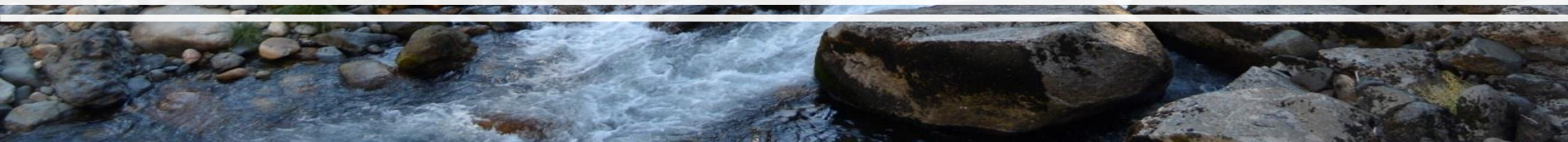


- **5-year implementation with a long-term view**
  - Agency-specific and consistent with the following:
    - Roles and responsibilities
    - Principles of engagement (see *Section 1*)
  - Agency near-term actions and future investments



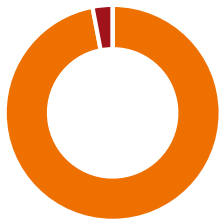


# **Anticipated Plan Progress for Next Meeting**



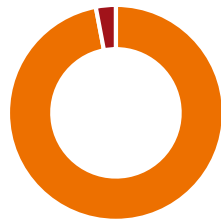


# Anticipated Progress



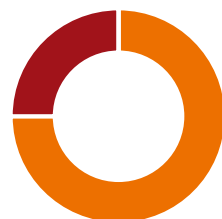
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- Text refinement
- Graphic refinement
- Page layout



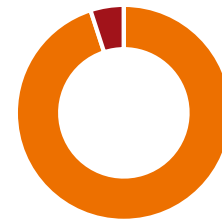
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- Text refinement
- Graphic refinement
- Page layout



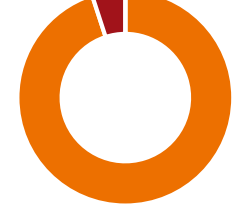
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- Text refinement
- Graphic refinement
- Page layout
- Demand revisions
- Water supply-demand scenarios



100%

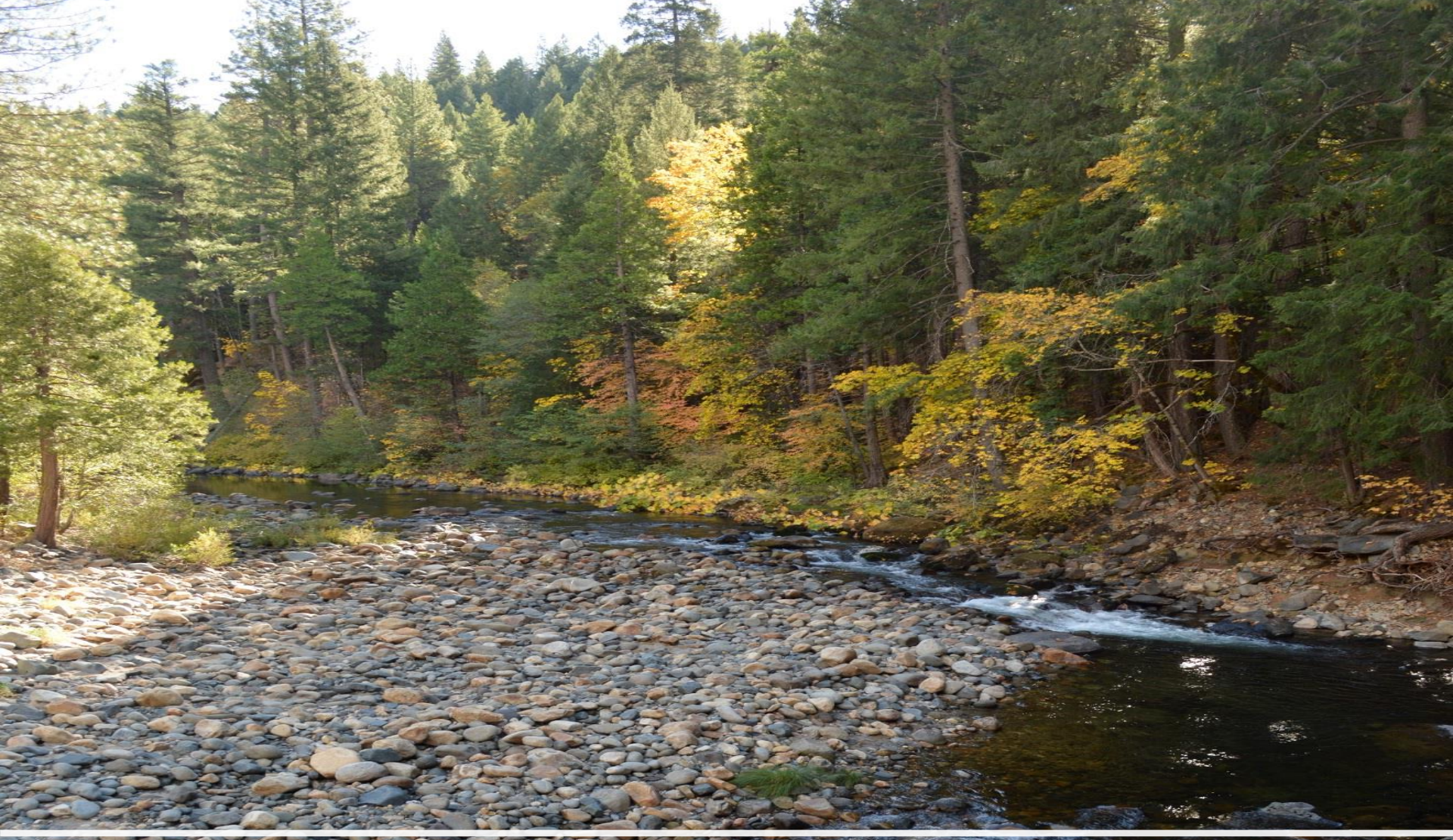
- Management strategy refinement
- Supporting graphic development
- Page layout



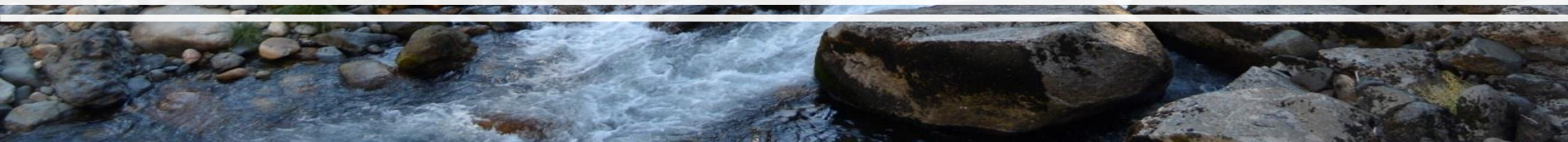
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- Refinement of implementation focus, priorities, and actions
- Supporting graphic development
- Page layout





## **Recap, Action Items and Next Meetings**





## Recap

- ✓ Reviewed outcomes from previous meeting
- ✓ Shared progress of entire draft 2019 WRDMP
- ✓ Received feedback on current draft 2019 WRDMP
- ✓ Discussed anticipated draft 2019 WRDMP progress

# Action Items and Next Meetings

- PAG Meeting #8- July 24<sup>th</sup>, 10:00 am to 1:00 pm





