

**Upper American River Watershed Program** 

# Programmatic Watershed Plan (PWP) Plan Advisory Group (PAG) Meeting #5

February 17<sup>th</sup>, 2023

## **Meeting Objectives**

- Provide updates on the development and content of PWP
- Review, refine, and confirm the identified watershed resource management strategies
- Review and refine projects evaluation criteria and initial screening





# Agenda

TIME	AGENDA ITEM
10:30 AM	Welcome and Agenda Review
10:40 AM	Programmatic Watershed Plan (PWP) Development Process Recap
10:50 AM	Overview – Section 1: Introduction Section 2: Current Watershed Management Section 3: Challenges
11:10 AM	Overview and Discussion – Section 4: Watershed Resource Management Strategies
12:05 PM	Overview – Section 5: Project and Management Action
12:25 PM	Next Steps
12:30 PM	Adjourn





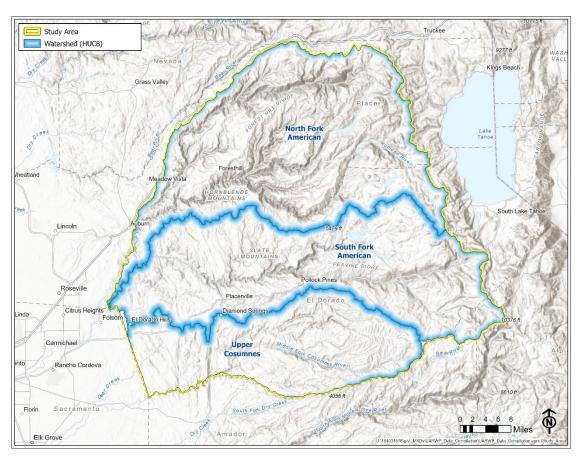
Programmatic Watershed Plan

Development Process Recap



## [Reminder: Programmatic Watershed Plan]

- EDWA was awarded a 2021 Cooperative Watershed Management Program Phase I Grant for forming an Upper American River watershed group and starting watershed planning and action/project development.
- EDWA acts as a convenor of the watershed group.
- EDWA expanded the region to cover the remaining West Slope in the Cosumnes River watershed.



Key: NHD = National Hydrography Dataset; HUC = Hydrologic Unit Codes

#### Study Area



# **Draft Programmatic Watershed Plan Outline**

Chapter		Content
1	Introduction	Needs, goal, objectives, planning principles, and stakeholders
2	Current Watershed Management	Current management structure, authorities, and responsibilities within the watershed
3	Challenges	Vulnerability and risk characterization for current and future conditions
4	Watershed Resource Management Strategies	Strategies, major actions, and primary implementation agency(ies)
5	Projects and Management Actions	Identification, screening, evaluation and prioritization of projects and management actions for implementing resource management strategies
6	Implementation	Implementation policy and guidance



<sup>\*</sup>Project details will be compiled in an appendix or a separate document that is incorporated by reference. Projects are collected from past planning efforts and through plan development with PAG and stakeholder input.

## **Draft Watershed Plan Development Timeline**



Addressing i Ad recaback and input, progress on watershed plant



<sup>\*</sup>Fall/Winter 2022: Separate individual or small group discussions may occur as necessary for topic-specific needs

#### Role and Responsibilities for Enabling and Safeguard Ecosystem Goods and Services







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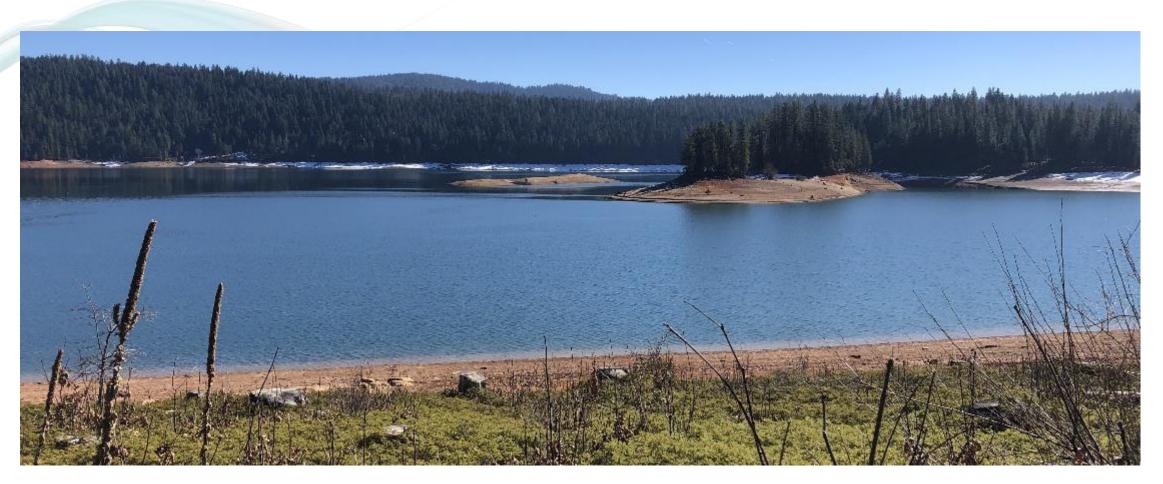


## Survey:

# Roles and Responsibilities for Enabling and Safeguarding Ecosystem Goods and Services







Overview of Draft PWP Chapter 5
Project and Management Actions



## **Project and Management Actions (PMAs)**

- **PMA:** The term "management actions" generally refers to activities that support watershed health without a need to add or change infrastructure, and "projects" are activities that require infrastructure and coordination to implement.
- Process for identifying and prioritizing PMAs:
  - 1. Initial Identification of PMAs, to compile a potential group of PMAs and opportunities that were identified from existing regional plans and ongoing efforts.
  - 2. Screening, to eliminate PMAs through a red flag/critical flaw analysis.
  - **3. Evaluation of Retained Options**, to assess contributions toward addressing the identified Upper American River watershed challenges.
  - **4. Prioritization of Evaluated Options**, to group them based on their ability to address the PWP goals.



## **Evaluation Criteria for Retained PMAs**

Evaluation criteria to identify high potential projects and management actions to meet the Programmatic Watershed Plan goals

Is the PMA supported by public, or has it received State, and Federal acceptance or participation?

Acceptability

Effectiveness

Does the PMA restore and/or enhance social, natural, and infrastructure capacities?

Does the PMA offer regional long-term, multi-benefit gain?

#### Efficiency

Is it a planning or infrastructure project?

**Plan Completeness** 

#### **Institutional Complexities**

Are there any institutional complexities associated with the PMA implementation?



## **Prioritized PMAs**

#### **Evaluation Criteria**

Is the PMA supported by public, or has it received State, and Federal acceptance or participation?

Acceptability

Effectiveness

Does the PMA restore and/or enhance social, natural, and infrastructure capacities?

Does the PMA offer regional long-term, multi-benefit gain?

#### **Efficiency**

Is it a planning or infrastructure project?

**Plan Completeness** 

#### **Institutional Complexities**

Are there any institutional complexities associated with the PMA implementation?

#### Highest Priority

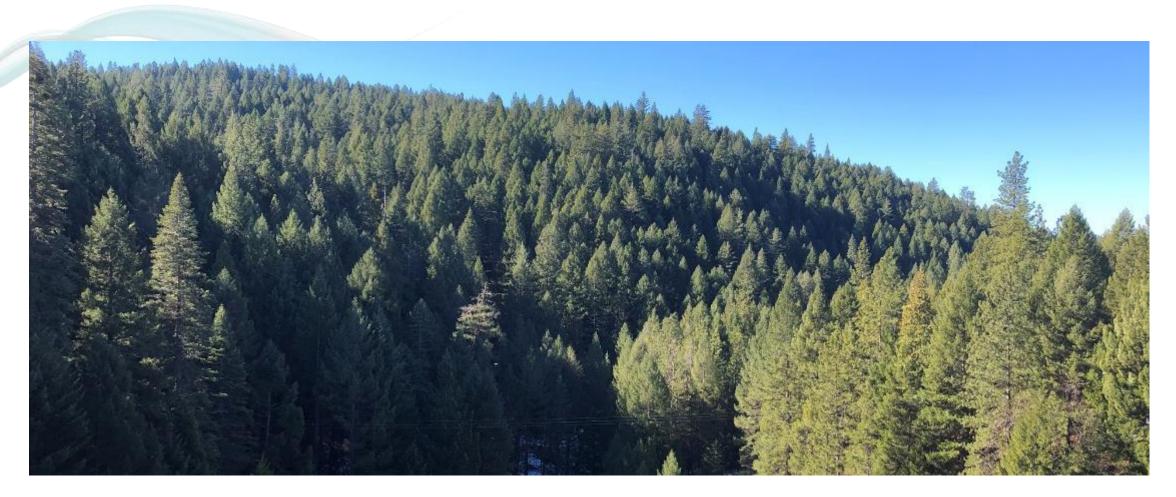
Group A

Group B

Group C

Lowest Priority





**Next Steps** 



## **Anticipated Progress**

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Continued development of upfront plan sections and data collection

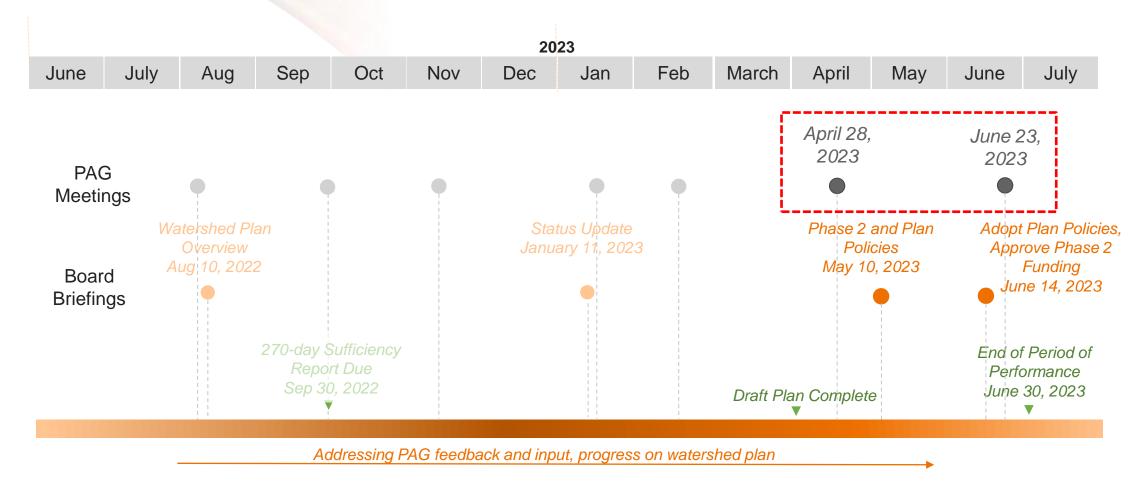
Section 5 Section 4 Section 2 Section 3 Section 1 Section 6 Project and Watershed **Current Watershed** Challenges Management **Implementation** Introduction Resource Management Management **Actions Strategies** 



Provide draft watershed plan sections for review at the next PAG Meeting



## **Confirm Standing Meeting Dates**



<sup>\*</sup>Fall/Winter 2022: Separate individual or small group discussions may occur as necessary for topic-specific needs



### **Contact Us**

#### **Feedback on Content**

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- Mali Karamigolbaghi (Stantec), Maliheh.Karamigolbaghi@stantec.com

#### **Feedback on Group and Procedures**

• Bridget Childs (Stantec), <a href="mailto:Bridget.Childs@stantec.com">Bridget.Childs@stantec.com</a>

