

The background of the slide features a scenic view of a large reservoir or dam. In the foreground, a concrete dam structure with a walkway and railings is visible. The water is calm and reflects the sky. In the distance, there are rolling hills and mountains under a clear blue sky. The overall tone is bright and natural.

# Water Management Strategies

## Stakeholder Meeting

November 30, 2020

# Agenda



- Introductions
- Purpose and Goals
- Background
- Process
- Needs Assessment
- Next Steps

# Purpose and Goal

To develop water management strategies to maximize yield of the State Water Project for San Luis Obispo and Santa Barbara counties through an iterative process of stakeholder engagement.



# State Water Project Water Management Background

- SWP supplies managed by California Department of Water Resources for contracting water agencies
- DWR has SWP water right
- DWR has contracts for water supply with 29 Water Agencies
- SWP Water Supply Contracts constrain SWP Contractors water management
- Evolution of SWP Water Management
  - Original Water Supply contracts provide firm, nearly every year, water supply
  - State Water Project drought supply wasn't increased over time as planned
  - To meet dry year water needs, SWP contractors have obtained contractual water management capabilities over time

# Water Management Options

Tool 	Application 
Transfers (Sales)	Water is sold either temporarily or permanently to another water agency
Exchanges	Water is traded with another water agency from one year to another
Storage	Water is stored by an agency, either within or outside its service area, for recovery in future dry year



# Water Transfers

- SWP “In-Project” Transfers

**Annual** – One-year transfers between SWP contractors included in new Water Management Amendment

**Multiple Year** – SWP Contract provided for multiple year transfers among SWP contractors, subject to DWR approval

**Permanent** – Prior SWP contract amendments provided for permanent transfer of Table A amounts among SWP contractors

- “Outside” Water Transfers

Subject to various water rights and area of use constraints



# Water Exchanges

*Water provided by one agency in return for some fraction to be returned in future years.*

- Typically, multi-year programs that provide return of some water in dry years when needs are greater
- SWP contract provides for “bona-fide” exchanges, with conditions based on SWP allocations
- Water Exchanges can often be described as storage programs
- Transfers can also be developed that mimic exchange program



## Storage

- No restrictions on water stored within agency's own service area for future local use
- SWP contract provisions have conditions for storage outside of SWP contractor's own service area
- Storage allowed in available SWP storage facilities (e.g., San Luis Reservoir) subject to spill
- Storage allowed in other SWP contractors service area subject to SWP contract provision and conditions defined by partners

# Other Considerations

- California Environmental Quality Act (CEQA) and other permitting applies to actions
- Delta Stewardship Council consistency determination with Delta Plan required on some types of actions
- SWP water rights permit restricts use

# SWP Water Management Options

## As of February 28, 2021 or Earlier

- Water Transfers
  - Single Year – Provided for in new contract amendment
  - Multiple Year – Require DWR approval subject to Article 15A
  - Permanent – Provided for in Monterey Amendment
- Water Exchanges
  - Provided for in Monterey Amendment, criteria subject to new contract amendment criteria
- Storage within Service Area – No contractual limitations
- Storage Outside of Service Area
  - Storage and transfer allowed in same year
  - Water stored outside of service area can be transferred to another contractor

# Water Management Strategies Matrix

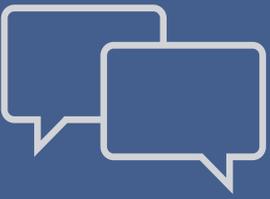
Tool 	Application 	Benefit 	Risk 

# Meeting Outline



## Coastal Branch Project Managers Meeting (Monthly)

- Project Status / Deliverables
- Recommendation Development and Vetting of Information
- Prepare for Stakeholder and Board of Director Meetings



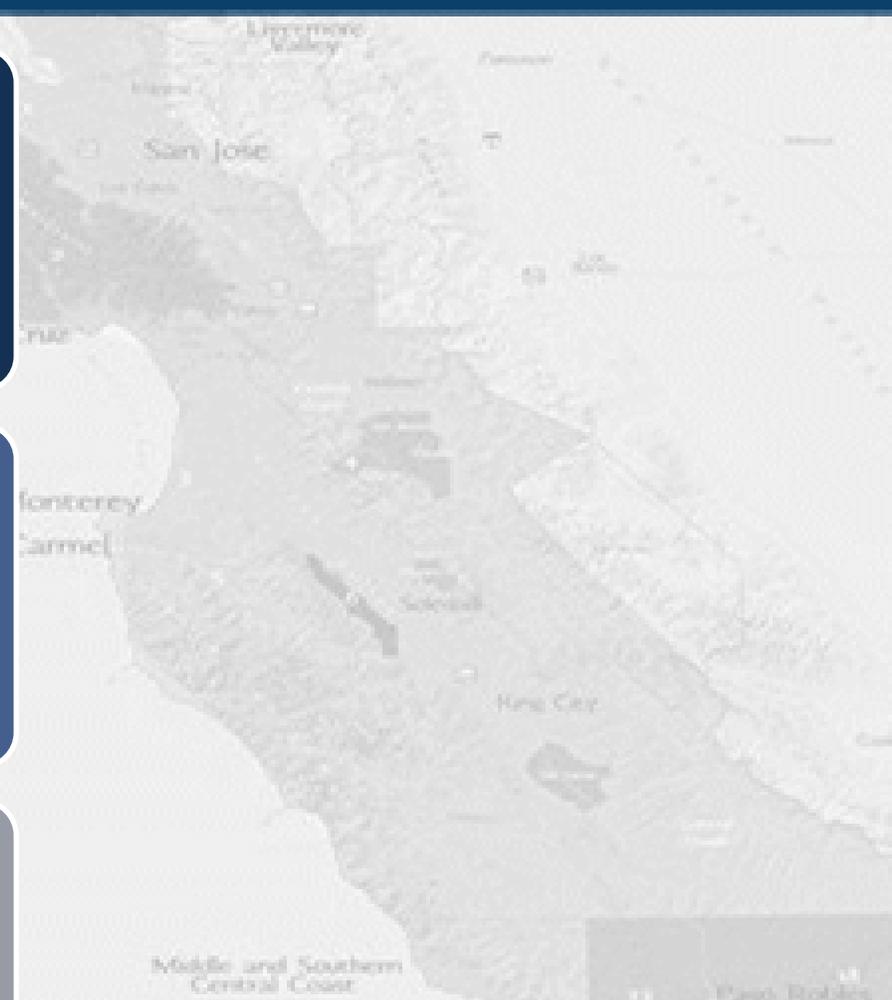
## Coastal Branch Stakeholder Meeting (4)

- Member Agencies Communication and Engagement
- Provide Deliverables
- Policy Guidance

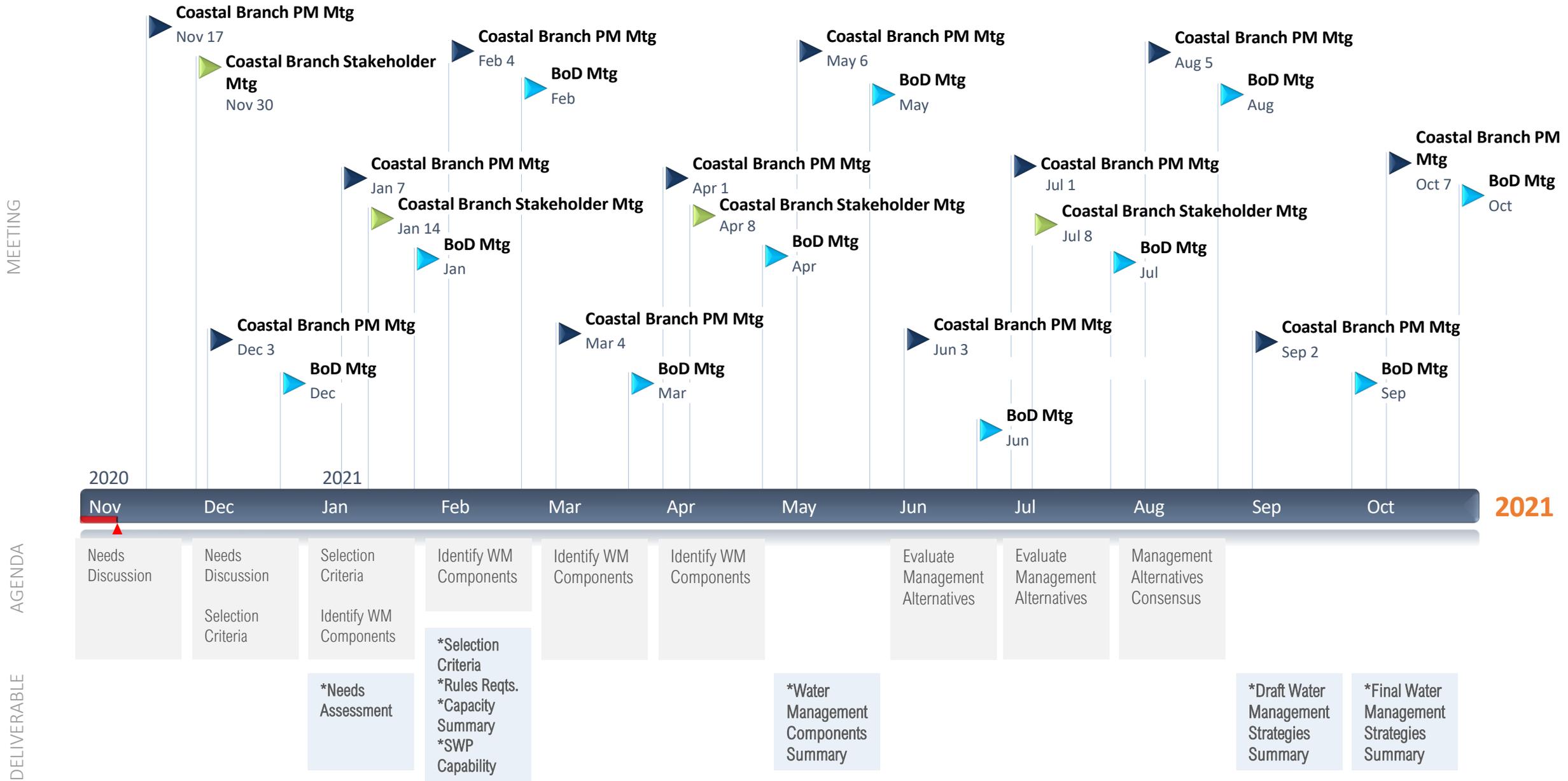


## Coastal Branch Boards of Directors

- Report out to Board of Directors by Coastal Branch Staff

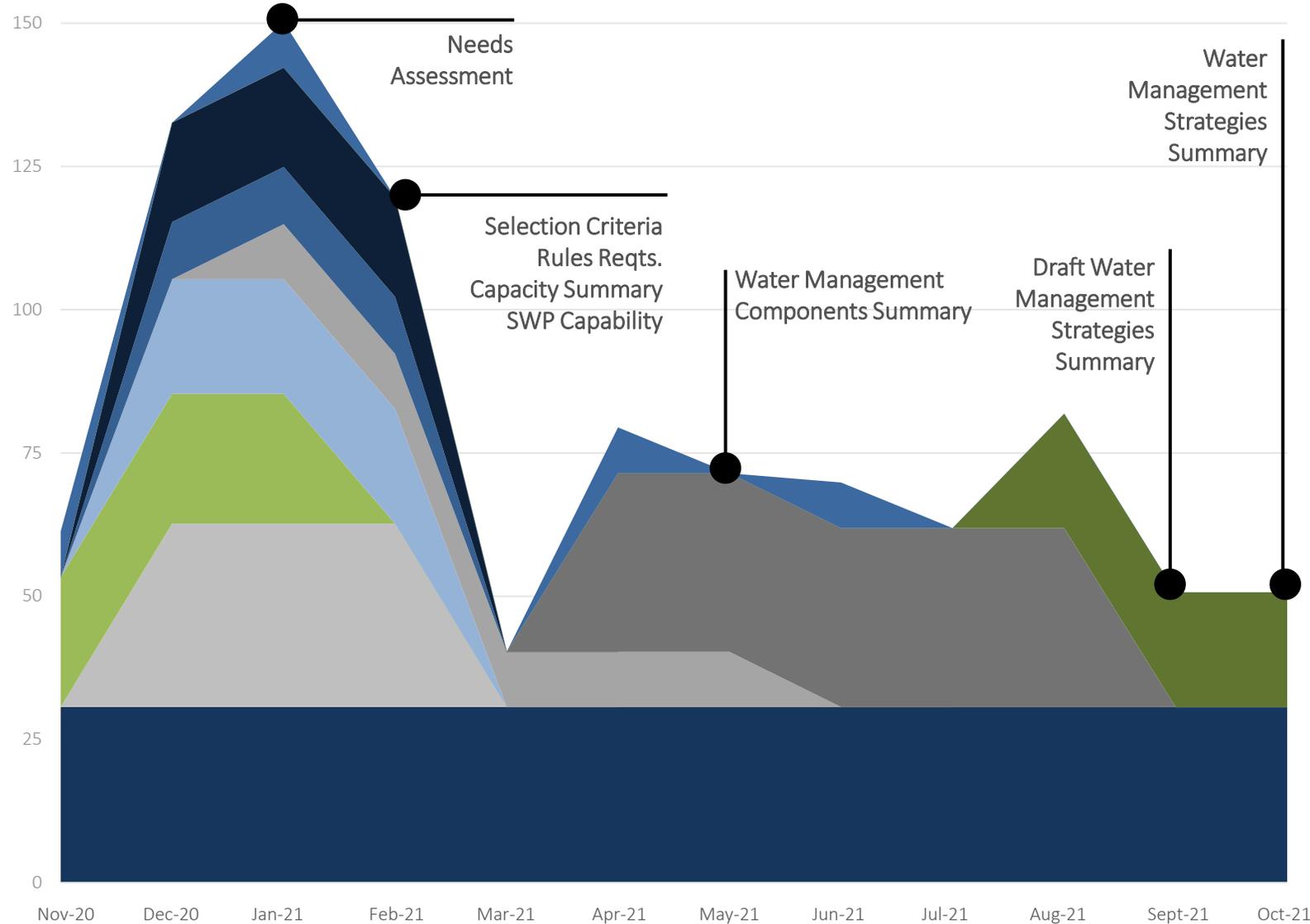


# Water Management Strategies Schedule



# Coastal Branch Water Management Strategies

## Level of Effort by Month



- Stakeholder Engagement Meetings 4 (New)
- Prepare Water Management Strategies Summary (New)
- Evaluate and Select Management Alternatives (4.4) (4.5) Includes Increased Table A Amounts (5)
- Quantify SWP Supply Capability (4.3)
- Identify Local and System Capacity (4.2)
- Identify Water Management Components (4.1)
- Develop Selection Criteria (3)
- Document Regional Needs Assessment (New)
- Review and Summarize Rules and Requirements (2)
- Project Management

# Coastal Branch Water Management Study

## Winter 2020-2021 Activity

- **Develop Needs Assessment for Central Coast Stakeholders**
  - Meet With Small Groups of Central Coast Stakeholders
  - Document Water Management Needs Identified by Stakeholders
  - Initiate Dialog with Local Water Managers as Study is Initiated
- **Quantify SWP Supply Capability**
  - Summarize Most Recent Available Operations Studies
- **Define Local and System Capacity**
  - Summarize Past Studies and Obtain Additional Information from Managers
- **Develop Selection Criteria**
  - Work with Stakeholders to Determine Criteria and Relative Importance
- **Identify Water Management Components**

# Coastal Branch Water Management Study Spring-Early Summer 2021 Activity

- Evaluate Water Management Alternatives
  - Integrate Local and SWP Water Supply Availability with Local Demands and Demand Management Information
  - Conduct Annual Water Supply and Storage Analysis
- Update Draft Reports on Initial Activities: Needs Assessment, Local Management Capability, Identified Water Management Components
- Ongoing Outreach and Review with Stakeholders

# Coastal Branch Water Management Study Late Summer-Fall 2021 Activity

- Evaluate Water Management Alternatives
  - Present Draft Outcomes and Review With Stakeholders
  - Prepare Summary Report
- Review and Update Interim Analysis Reports
- Ongoing Outreach and Review with Stakeholders



# LOCAL NEEDS DISCUSSION

# Needs Outline

## Demand



- Current
- Projected

## Supply



- Sources
- Facilities

## Shortages



- Wet
- Average
- Dry

# Survey Results

## Responses (7)

- Approximately 65% of Santa Barbara County proportional use represented
- SLO needs reflective in reports
- Range of need
- Cost and water quality of concern
- Increase banking capability
- Minimal concern of shortages

## Report Overview and Feedback

- Existing Data Compilation and Analysis Memorandum (SLO)
- IRWM Appendix: Supply and Demand
- Potential gap in representation of urban vs. ag demand

# Discussion

- How does State Water Project supply fit in with your local needs?
- How do the supplies work together?
- Current and future water supply portfolio?

# Next Steps



Individual engagement for detailed discussions

Preparation for January selection criteria presentation

Identification of water management components

Continued coordination with project management team

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