

Santa Clarita Valley Water Agency

Water Banking and Transfer Analysis

April 10, 2024





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Research Limits

- What this project achieved
 - Identify possible partnerships
 - Identify active and proposed water banking facilities
 - Identify parties that can add to current SCV Water portfolio
 - Starting point for partner outreach
 - Bonus: Flex Water Management Tool
- What we still don't know
 - Facility specifics
 - Partner specifics
 - Budget needs
 - Agreement details
 - SGMA limitations

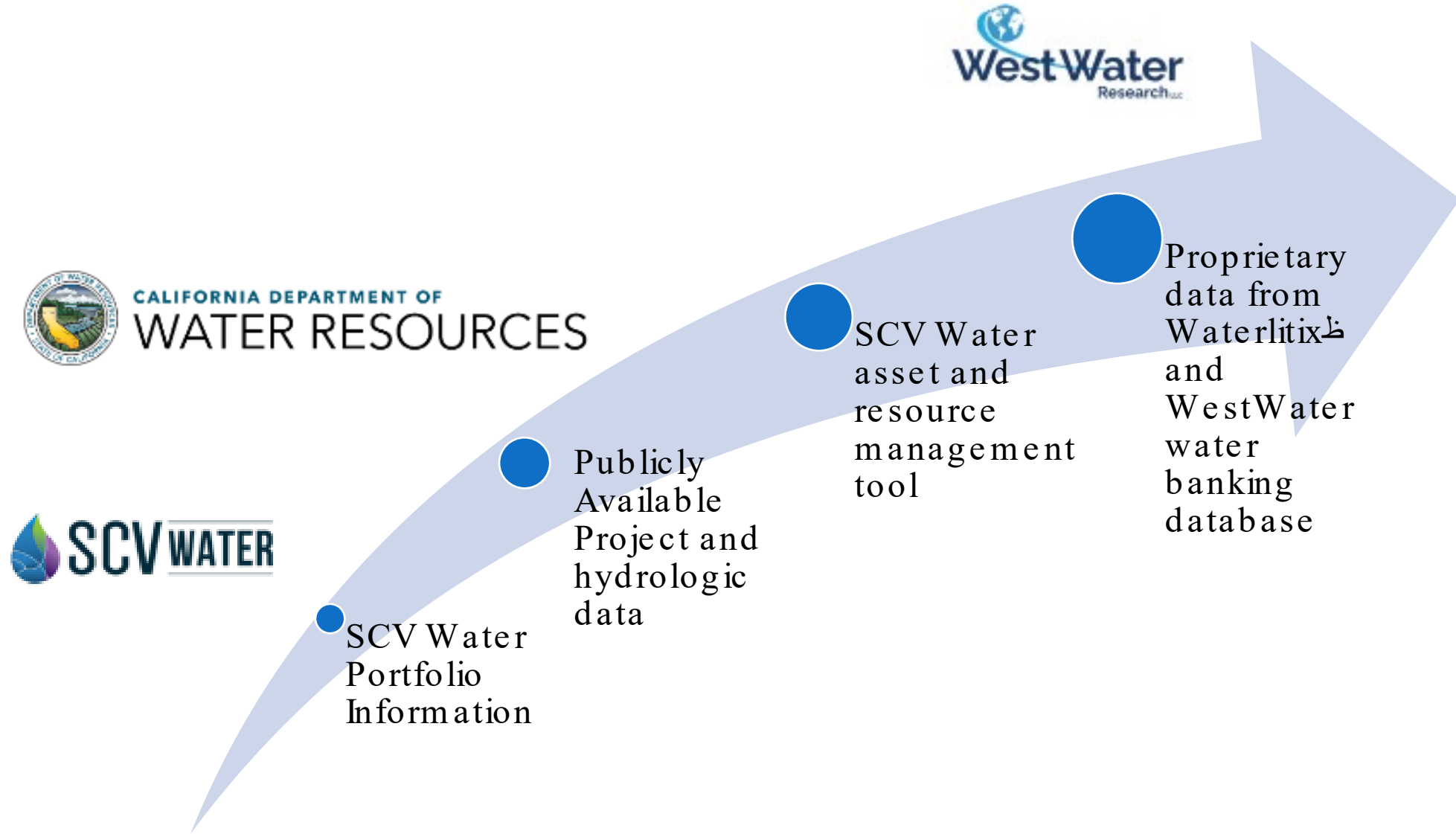
SCV Water Resources

Review SCV Water provided information in conjunction with publicly available data including:

- Project supplies
- Stored supplies
- Local supplies
- Return obligations
- Hydrologic conditions and historical project allocations



Data Collection and Process

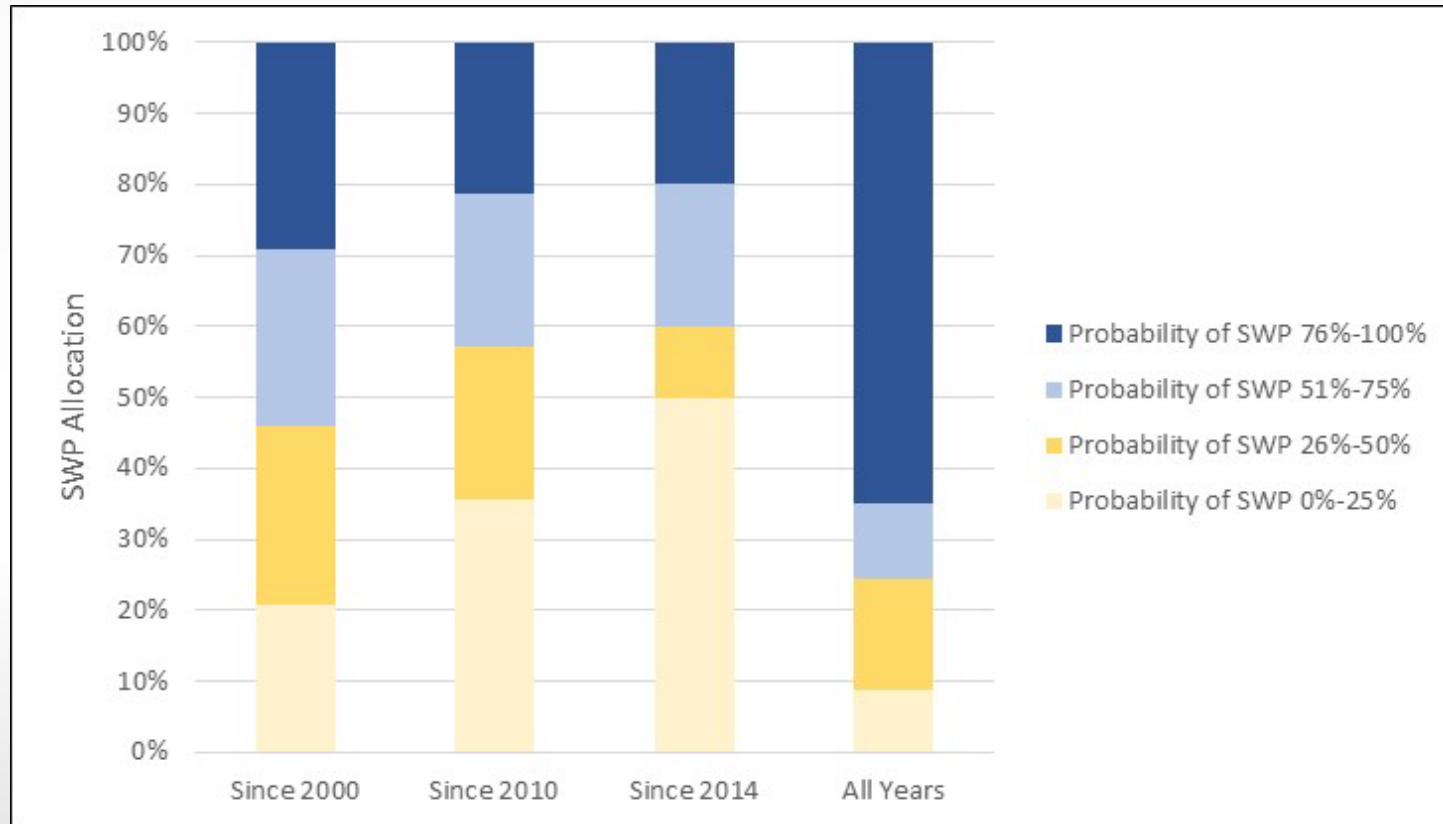


California Water Banks and Potential Transfer Partnerships



State Water Project Historical Analysis

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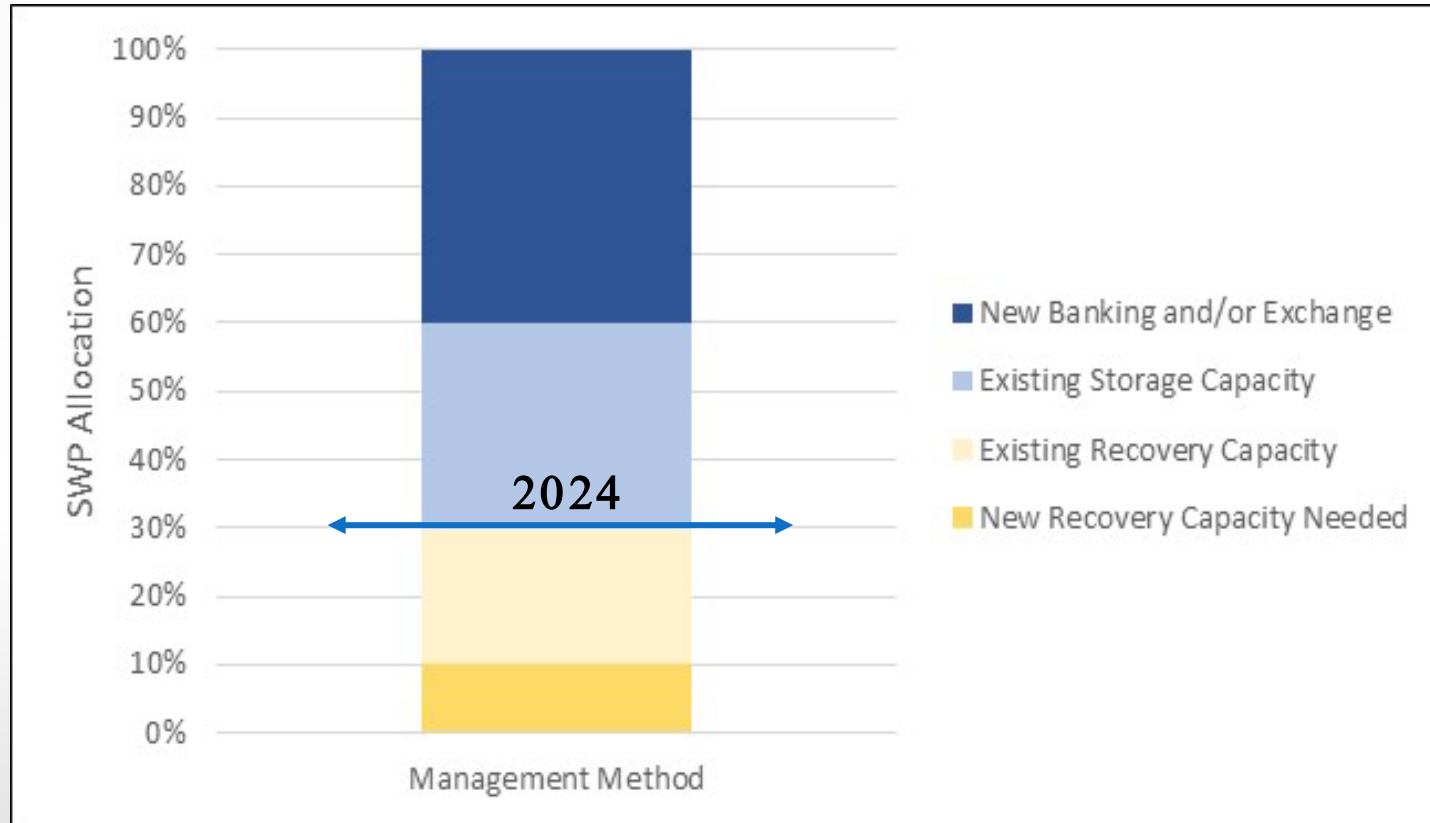


SWP allocation trends:

- Lower probability of >75% allocation
- Higher probability of <25% allocation

SCV Water Management Analysis

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SCV Water Management Model:

- 2024 SCV Water management
- Meet demand at approx. 30% SWP
- Risk of lost water in wet years
- Need for banking and recovery capacity, but also exchange capacity

CA Water Banks and Storage Programs

Methods

- Review of WestWater's internal water bank database containing over 150 water banks and recharge facilities across California
- Review of Waterlitix[®], WestWater's proprietary dataset containing over 11,000 CA water market transactions



Water Bank Definitions

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DEVELOPMENT STATUS

- **Operational**
 - the facility is operating and has the ability to receive water for deferred beneficial use
- **In-Development**
 - The facility has initiated permitting and design, or is possibly under construction
- **Proposed**
 - Water bank has yet to be approved and/ or proceed with design and required permitting

BANKING STATUS

- **Accepting Customers**
 - Banking facility is accepting new customers or increasing terms for existing customers.
- **Owner Only**
 - Banking facility is owned and/ or used by one or more entities for internal benefit only.
- **Fully Subscribed**
 - Banking facility is not currently taking new customers or increasing capacities of existing customers.
- **On-hold**
 - Banking facility is currently in a holding pattern until further notice.

Water Bank Criteria



Water Banking Opportunities

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Operational

- 11 total operating water banks**
- 8 accepting customers, 2 owner only, 1 fully subscribed
- 7 public agencies, 4 privately owned
- Includes Kern, Tulare, Fresno, and Los Angeles Counties

In-Development

- 6 total In-development water banks**
- 3 accepting customers, 3 owner only
- 5 public water agencies, 1 privately owned
- Includes Kern, Fresno, and San Bernardino Counties

Proposed

- 4 total proposed water banks**
- 2 accepting customers, 2 on hold
- All public water agencies
- Includes Kern and Kings Counties

**Status and quantities are subject to revision as information is periodically updated

CA Exchange and Transfer Opportunities

Methods:

- Comprehensive CEQA and NEPA review identifying active market participants
- Review of Waterlitix[®], WestWater's proprietary dataset containing over 11,000 CA water market transactions



Transfer and Exchange Criteria



Transfer/ Exchange Opportunities

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Transfer/ Exchange

- 14 total transfer and exchange opportunities identified**
- 13 public agencies, 1 private corporation
- Includes Kern, Los Angeles, Alameda, Ventura, and Riverside Counties

Transfer/ Exchange with Banking

- 15 total transfer and exchange with banking capacity were identified**
- 12 public agencies, 3 private corporations
- Includes Kern, Riverside, Orange, Tulare, and Fresno Counties

**Status and quantities are subject to revision as information is periodically updated



Summary

- Research provides direction for next steps in process
- SCV Water has storage risk in surplus and deficit SWP years
- **21 water banking** opportunities identified
- **28 water transfer and exchange** opportunities identified
- **Agencies highlighted for first approach**

Next Steps

1. Finalize Banking and Partnership Project
2. SCV Water Review and identification of first approach opportunities
3. WestWater Project – Phase 2 proposal
4. Facilitate SCV Water connections

Questions?