



Kaweah Subbasin Water Marketing Strategy

Strategy Committee Meeting
April 19, 2023



Agenda

1. Welcome and Roll Call
2. Previous Meeting Recap
3. Summarize Decisions Made to Date (vote)
4. Water Dashboard/Trading Software Integration
5. New Legislation – AB 1205
6. Adjourn



Welcome & Roll Call



Previous Meeting Recap

Previous Meeting Recap

Water Marketing Strategy Document Review

Revised Draft Trading Zones (representative monitoring wells & DAC locations)

Update: ArcView map!

Link [HERE](#)

Review Committee

Integration of Water Accounting Dashboard and Exchange Software



Summarize Decisions Made to Date (vote)

Water Market v1.0

Basics

Program Period: Current Water Year, ending September 30, 2023

Unit Traded – one acre-foot of allocation (measured as ET)

Type of allowable trades – one-time transfer of up to up to 10 inches per acre (measured as ET)

Eligible Participants – landowners within a given GSA who hold allocation and who are current with all GSA fees and in compliance with all GSA ordinances, rules and regulations

Type of Exchange

Monthly auction, [conducted in December, January, and last 2 months of water year as well as 45 days after end of water year](#)

[Third-party facilitated – exchange platform integrated with Water Accounting Dashboard](#)

Price Information

Price and quantity for each transfer (anonymous)

Water Market v1.0

Mitigation of Adverse Impacts

GSP Analysis Zones aggregated into a small number of *trading zones*

Trigger levels monitored in Fall reading. Notification of any triggers provided in December, prior to first auction.

Triggers may be lifted following Spring reading (or anytime if growers cover cost of mitigation to alleviate trigger and associated monitoring)

- Minimum Threshold trigger (individual zone drops out and directional restriction applies)

Trigger: 12 feet from MT

- DAC trigger (trading within individual zone ceases until impact is mitigated)

Trigger: TBD by engineering team

*Note: use of Trading Zone rather than 1-mile buffer

Water Market v1.0

Transfer Bucket – market participants move allocation to/from specific APNs

CVP Place of Use restriction – no foreign water in Transfer Bucket

(Not relevant to pilot, but necessary for full implementation over time.)

Post Water Year True-Up

Auction held 45 days after end of water year

Purchased allocation must be used in current water year

APN-specific treatment of participants with parcels in multiple Trading Zones

Review Committee



APN 1



APN 2



APN 3

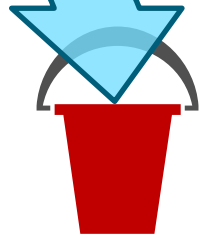


APN 4

Step 1: Grower establishes the amount of allocation to sell (no greater than 10" x acreage)

Step 2: Grower moves allocation from specific APN(s) into Transfer Bucket. Dashboard verifies water is available and less than max.

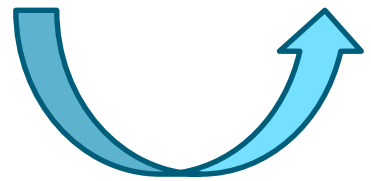
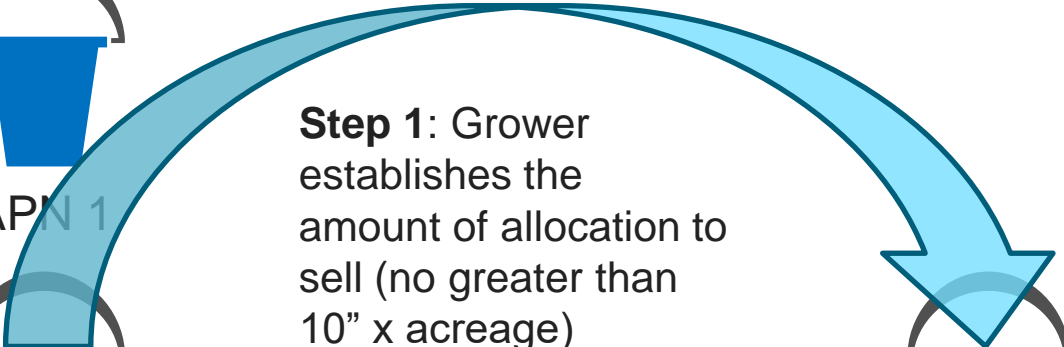
Step 3: Offer(s) to sell allocation submitted to Exchange Platform. Platform automatically sees amount in Transfer Bucket



Transfer Bucket



Water Market



Step 4: Exchange Administrator matches offer(s) w/buyer(s) and notifies parties

Step 5: Buyer submits payment to Exchange Admin for transfer of allocation

Step 6: Exchange Admin moves allocation from seller's Transfer Bucket to buyer's Transfer Bucket and submits payment to seller

Next Step: Buyer moves allocation from Transfer Bucket to specific APN(s)

Water Market v1.0

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Post Water Year True-Up

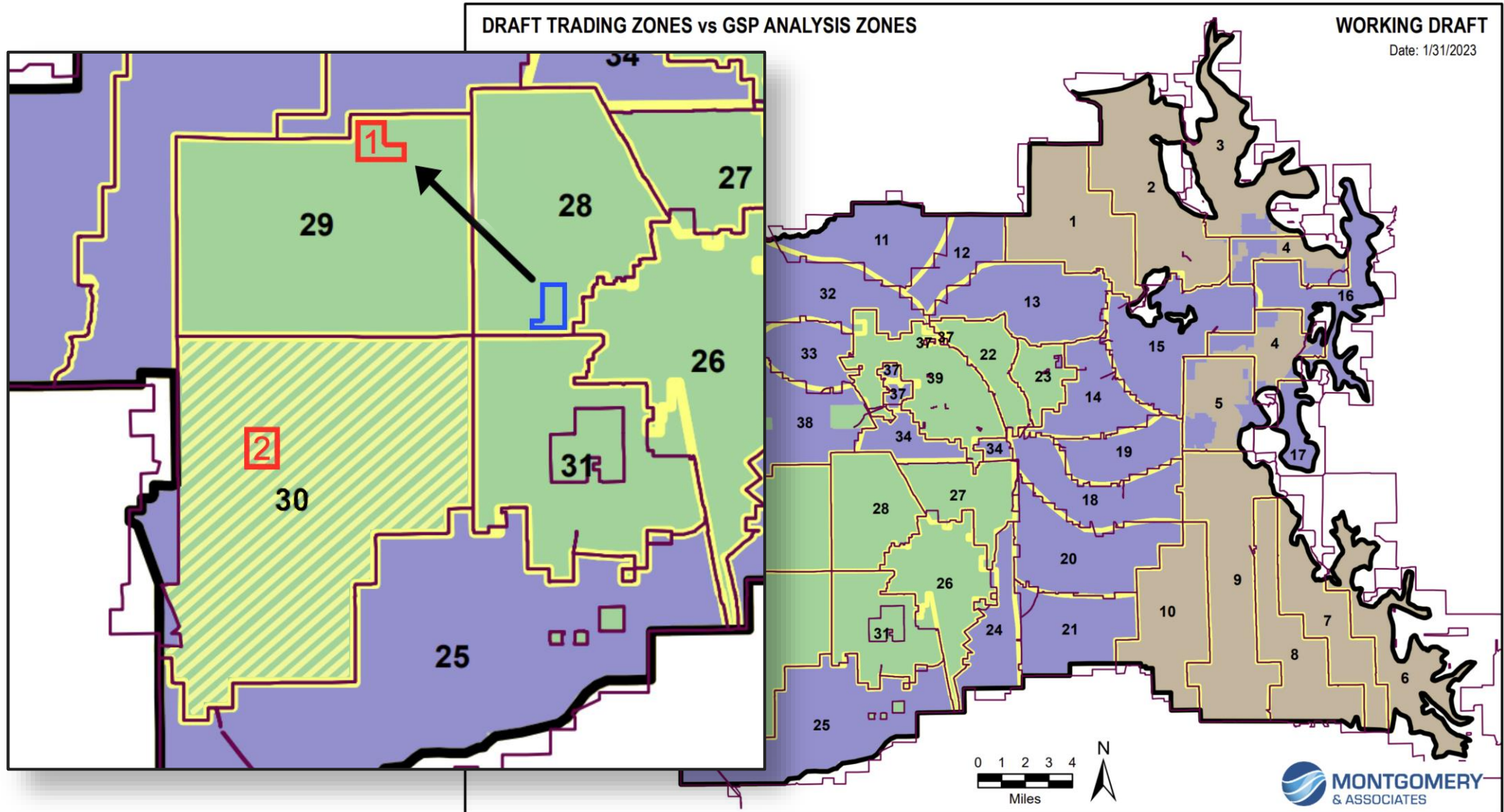
Auction held 45 days after end of water year

Purchased allocation must be used in current water year

APN-specific treatment of participants with parcels in multiple Trading Zones

Review Committee

Multiple Trading Zones – Market Transfers



Water Market v1.0

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Post Water Year True-Up

Auction held 45 days after end of water year

Purchased allocation must be used in current water year

APN-specific treatment of participants with parcels in multiple Trading Zones

Review Committee

GSA-Specific Review Committee

Membership: subset of Strategy Committee

Including at least GSA, Agriculture, Environmental, and DAC representative

- Third-party facilitated

Meeting Frequency: semi-annually and if needed

**Responsibilities: evaluate market performance and suggest policy adjustments;
dispute resolution**

***Review Committee has *advisory* role, makes recommendations to GSA Board**



Water Dashboard / Trading Software Integration

Water Dashboard / Trading Software Integration

- GSA Review
- Member Menus
- Home
- Water Accounts
- Farm Map
- Explore Usage

Getting Started Guide

- Contact Us
- Roadmap

Please inform MKGSA of any edits, errors, or challenges no later than 3/03/2023. Payment is due March 31, 2023.

Table 1. Summary of measured water supply and usage in water year 2022 (May 01, 2022 - September 30, 2022)

Column Number	1	2	3	4	5	6	7	8	9	10
	Water Allocation Acreage		Water Usage		Water Supply				Balance	
Land Parcels APN #	Assessed Area (APN Ac.) [acre]	Irrigated Area (Irr Ac.) [acre]	Total ET [AF]	Precipitation [AF]	Surface Water [AF] *Irr. Efficiency	Allocation [AF]	Available for Transfer [AF]	Transferred [AF]	Balance [AF]	Balance / Acre [AF/Ac.]
158-110-049	155.77	151.65	340.03	0.36	0.00	389.43	0.00	-1.07	+48.69	+0.31
158-140-002	40.10	39.51	106.95	0.09	0.00	100.24	0.00	+6.62	+0.00	+0.00
158-140-012	101.64	100.34	268.65	0.24	0.00	254.10	0.00	+14.31	+0.00	+0.00
158-150-011	34.28	32.24	54.86	0.11	0.00	85.70	0.00	-1.75	+29.20	+0.85
158-160-007	160.23	155.50	272.80	0.52	0.00	400.57	0.00	+3.23	+131.52	+0.82
160-050-002	67.00	66.48	158.46	0.27	0.00	167.50	0.00	-1.07	+8.24	+0.12
160-050-003	122.60	119.96	212.51	0.59	0.00	306.50	0.00	+5.71	+100.29	+0.82
160-050-006	38.40	36.89	81.24	0.18	0.00	96.00	0.00	-1.09	+13.85	+0.36
160-060-002	218.10	206.90	413.33	0.87	0.00	545.24	0.00	-1.09	+131.69	+0.60
160-060-003	19.78	19.41	45.10	0.10	0.00	49.46	0.00	-1.10	+3.36	+0.17
166-020-009	13.83	11.60	18.33	0.09	0.00	34.58	0.00	-2.13	+14.21	+1.03
174-110-001	29.71	28.90	51.01	0.14	0.00	74.28	0.00	-0.23	+23.18	+0.78
174-130-009	11.74	11.14	19.37	0.05	0.00	29.34	0.00	-1.76	+8.26	+0.70
226-010-001	141.53	138.76	331.14	0.45	0.00	353.83	0.00	-1.03	+22.11	+0.16
226-020-001	7.00	3.68	0.73	0.02	0.00	17.50	0.00	-7.69	+9.10	+1.30
226-020-024	167.59	163.83	195.88	0.53	0.00	418.98	0.00	-6.63	+217.00	+1.29
226-020-029	111.13	108.26	283.45	0.36	0.00	277.83	0.00	+5.26	+0.00	+0.00
226-030-004	160.00	157.13	305.75	0.52	0.00	400.00	0.00	-1.03	+93.74	+0.59

Help

Water Dashboard / Trading Software Integration

DATA CONCEPTS

Fox Canyon

CombCode

State Well ID

Pumping YTD

Total Pumping YTD

Allocation

Available for Transfer

Last Meter Reading

Special Management Area

Kaweah Subbasin

Account

APN

Water Use

Total Water Use

Allocation

Available for Transfer

Last ET Report

Analysis Zone



New Legislation – AB 1205

Definition of an Investment Fund (Section 100.1.a.2): “Investment fund” means a private equity fund, public equity fund, venture capital fund, hedge fund, fixed income fund, real estate fund, infrastructure fund, or similar pooled investment entity that is, or holds itself out as being, engaged primarily, or proposes to engage primarily, in the business of investing, reinvesting, owning, holding, or trading securities or other assets.



Adjourn