

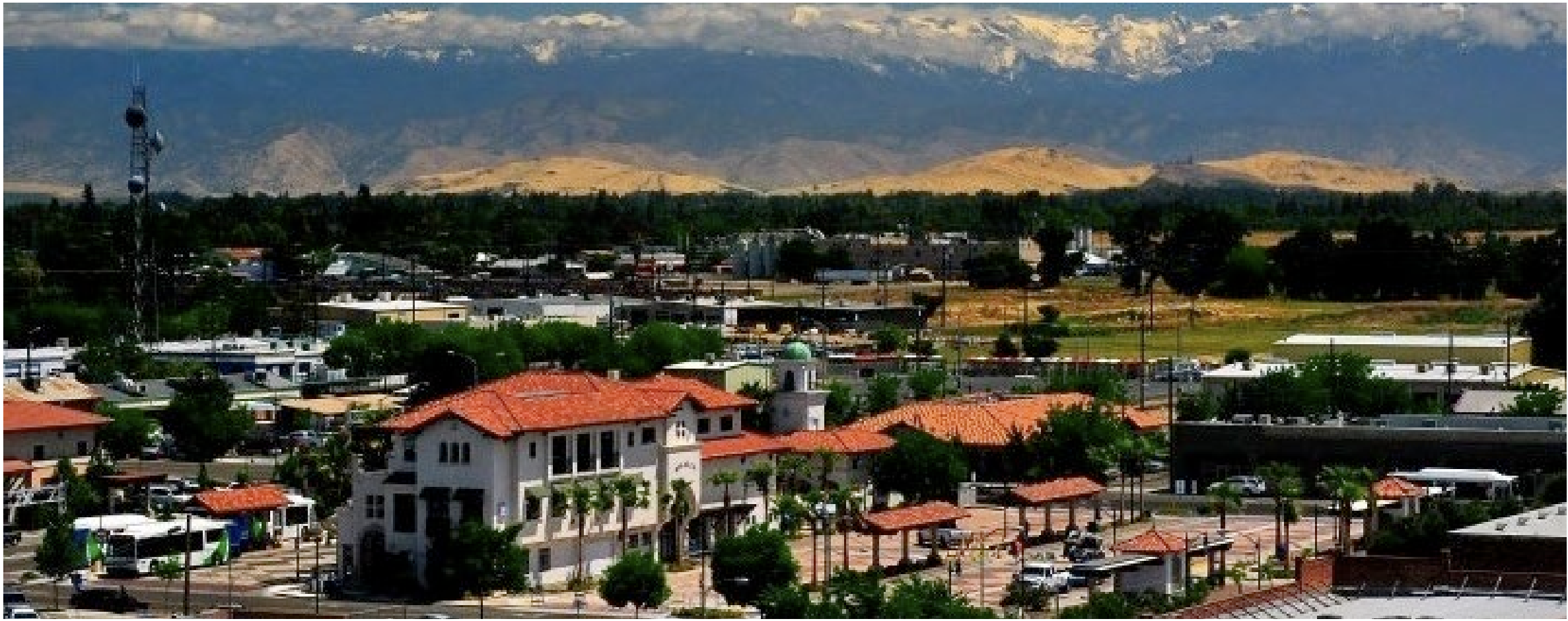


Kaweah Subbasin Water Marketing Strategy

Strategy Committee Meeting
August 30, 2023

Agenda

1. Welcome and Roll Call
2. Previous Meeting Recap
3. Review of Comments on Water Marketing Strategy Document
 - Chapters 1, 2, 3, 5, and 6
 - Legal Team Documents
4. Definition of MT and DAC Triggers
5. Modification of Trading Zone Boundaries
6. Adjourn



Welcome & Roll Call



Previous Meeting Recap

Previous Meeting Recap

Recap of May 24 Public Workshop

DRAFT DAC Trigger Definition

1. For each DAC, find closest unconfined RMP
2. Set protective depth for DAC wells based on **30%** of well depth and use WY 2022 fall groundwater level map to determine difference in groundwater levels between DAC wells and RMP
3. Set trigger elevations in RMPs that correspond to a groundwater elevation 30% above DAC wells.

ArcView map link [HERE](#)

Review of Water Marketing Strategy Document

Water Accounting Dashboard / Trading Software Integration

Please inform MNGSA of any edits, errors, or challenges no later than 3/31/2023. 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]	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



Water Marketing Strategy Document - Comments

Chapters 1, 2, 3, 5, & 6

Legal Team Documents

Comments on Water Marketing Strategy Doc.

Comment	Commenter Name	Document	Chapter // Subsection	Page #	Comment Type	Content Referenced	Comment Response
I would mention Lewis Creek and Frazier Creek as additional surface runoff sources.	Craig Wallace	Comp Doc	1.1 Kaweah Subbasin Overview	1.2	Substantive	Ephemeral watersheds that contribute surface water supplies to the subbasin include Cottonwood Creek, Cross Creek, Mill Creek, Outside Creek, Deep Creek and Dry Creek. The snowmelt-fed Kaweah River is the primary source of recharge to the area.	
For East Kaweah, Surface Water Credits to a landowner from an Irrigation District can be carried on their account with no time limitation and transfers will be allowed inside the individual Irrigation District per each District's rules where the credit was obtained. Currently no transfers of surface water credits allowed outside the Individual Irrigation District's, but LSID is still looking into this option. I need to check on Wutchumna Water Company policy.	Craig Wallace	Comp Doc	Table 3.1 – Kaweah Subbasin Allocation Matrix	3.3	Substantive	Non-market Transfers allowed → Native, Transitional, and Groundwater Credits can be transferred within the EKGSA. Rainfall cannot be transferred.	
Need to check on this regarding Wutchumna.	Craig Wallace	Comp Doc	Table 3.1 – Kaweah Subbasin Allocation Matrix	3.4	Substantive	Non-market Transfers Between GSAs → Can only transfer Native Yield upon approval by EKGSA and other GSA	
I would not want to lump Land IQ which the Kaweah subbasin is relying on into the issues around OpenET.	Craig Wallace	Comp Doc	5.2.1.3 Monitoring of Water Use	5.11	Substantive	In other words, the measurement errors produced by remote sensing may be large enough to thwart attempts by GSAs to mitigate impacts to the environment, DACs, and other third parties.	This study was a meta-analysis of multiple existing platforms. Measurement errors were found across the board — this is not specific to OpenET.
Can you clarify if a seller has an asking price, can they set a minimum price point that the system would not allow an offer below that point?	Craig Wallace	Comp Doc	6.1.3.1 Type of Exchange	6.5	Substantive	The exchange administrator will use a computer algorithm to match bids and offers in a manner that significantly reduces the risk of Market Power. The exchange will be a mid-point price auction, where the highest bid is matched with the lowest offer first.	The seller must submit minimum price (reservation price) with bid. No match will occur at a price below the minimum price. In many cases, it will be matched considerably higher. Document will be edited to make this explicit.
May need to clarify if an Irrigation District or water company shareholder is selling on behalf or benefit of entire District, it may not be tied to an AF/acre?	Craig Wallace	Comp Doc	6.1.3.5 Type of Allowable Trade	6.6	Substantive	An eligible market participant may sell up to a total of 10 inches per acre	Irrigation Districts and water company shareholders are not market participants. Only individual land owners, who have a GSA allocation are eligible to participate.
Didn't we discuss allowing transfers out of a Triggered zone, but not allow transfers in?	Craig Wallace	Comp Doc	6.1.3.5 Type of Allowable Trade	6.6	Substantive	For each trigger, groundwater levels will be recorded in Fall reading. Notification of any triggers will be provided in December, prior to the first auction of the water year. Triggers may be lifted following Spring reading (or anytime, should growers cover the cost of mitigation to alleviate trigger).	Yes. That is true for the MT Trigger. Document will be edited to make this clear.

Link to [DropBox folder](#)



Definition of MT and DAC Triggers

ArcView map link [HERE](#)



Modification of Trading Zone Boundaries



Adjourn