



Subcommittee on Imported Water

# Sites Reservoir Project Operations & Environmental Update

Item 3c

May 27, 2025

Item 3c  
Sites Reservoir  
Operations and  
Environmental  
Update

### Subject

Operations and permitting of the Sites Reservoir Project.

### Purpose

Provide an update on environmental permitting of the Sites Reservoir Project and potential water management operations.

### Next Steps

Update the Board in future months with additional information on the Sites Reservoir Project.

# Agenda

- Environmental & Permitting
- Supply & Storage Overview
- Participant Flexibility
- Metropolitan Participation

# Sites Reservoir Project Planning & Permitting Milestones

**Final EIR  
Dec 2023**



**State Incidental  
Take Permits Issued  
Oct 2024**

**Water Rights  
Hearing Ongoing**



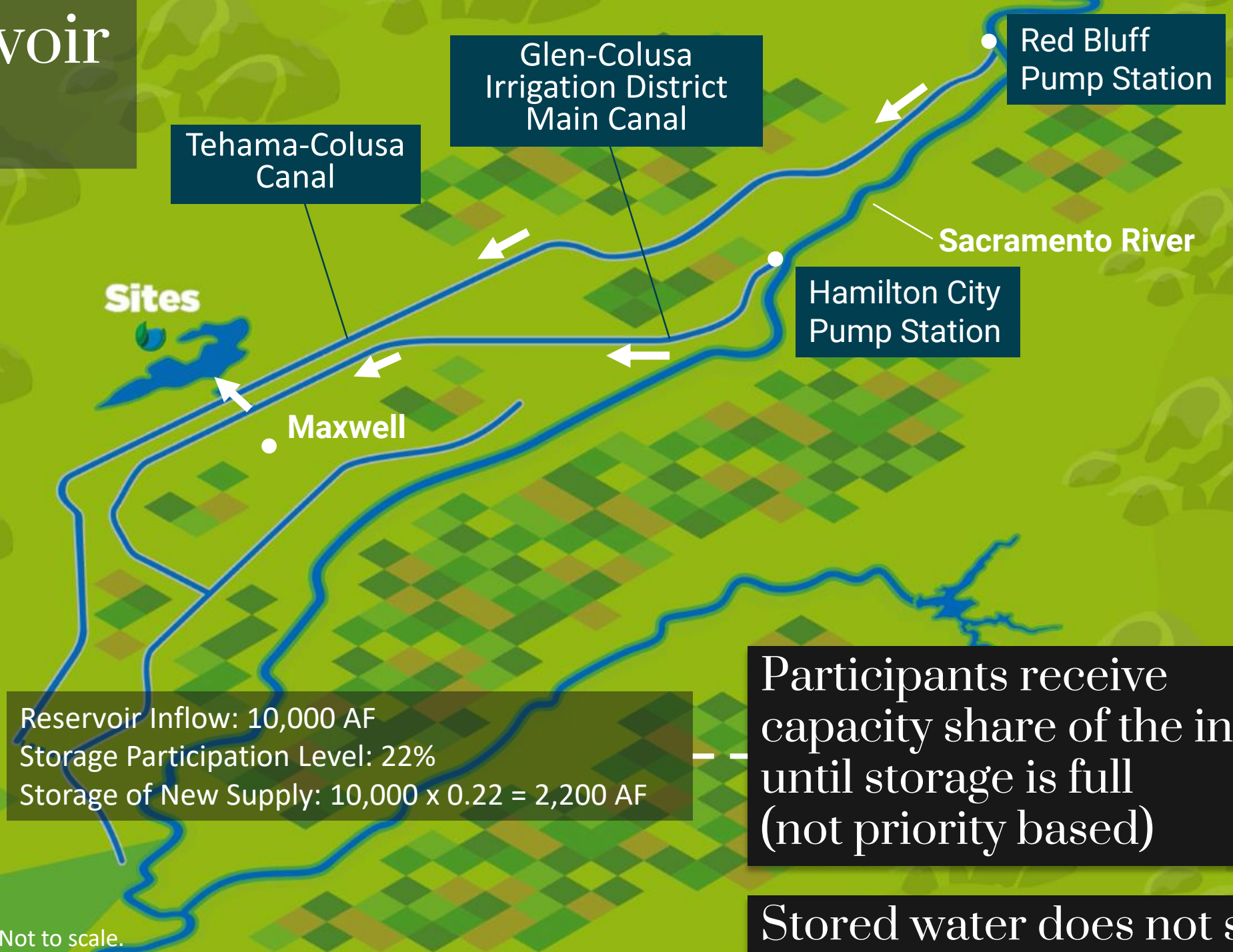
**Federal BiOps  
Project-Specific  
Late 2025**

notes: Both construction and operations Incidental Take Permits were issued by CDFW in October 2024.  
Sites Reservoir was included as a programmatic action in the recently issued 2024 Biological Opinions.

# Supply & Storage Overview



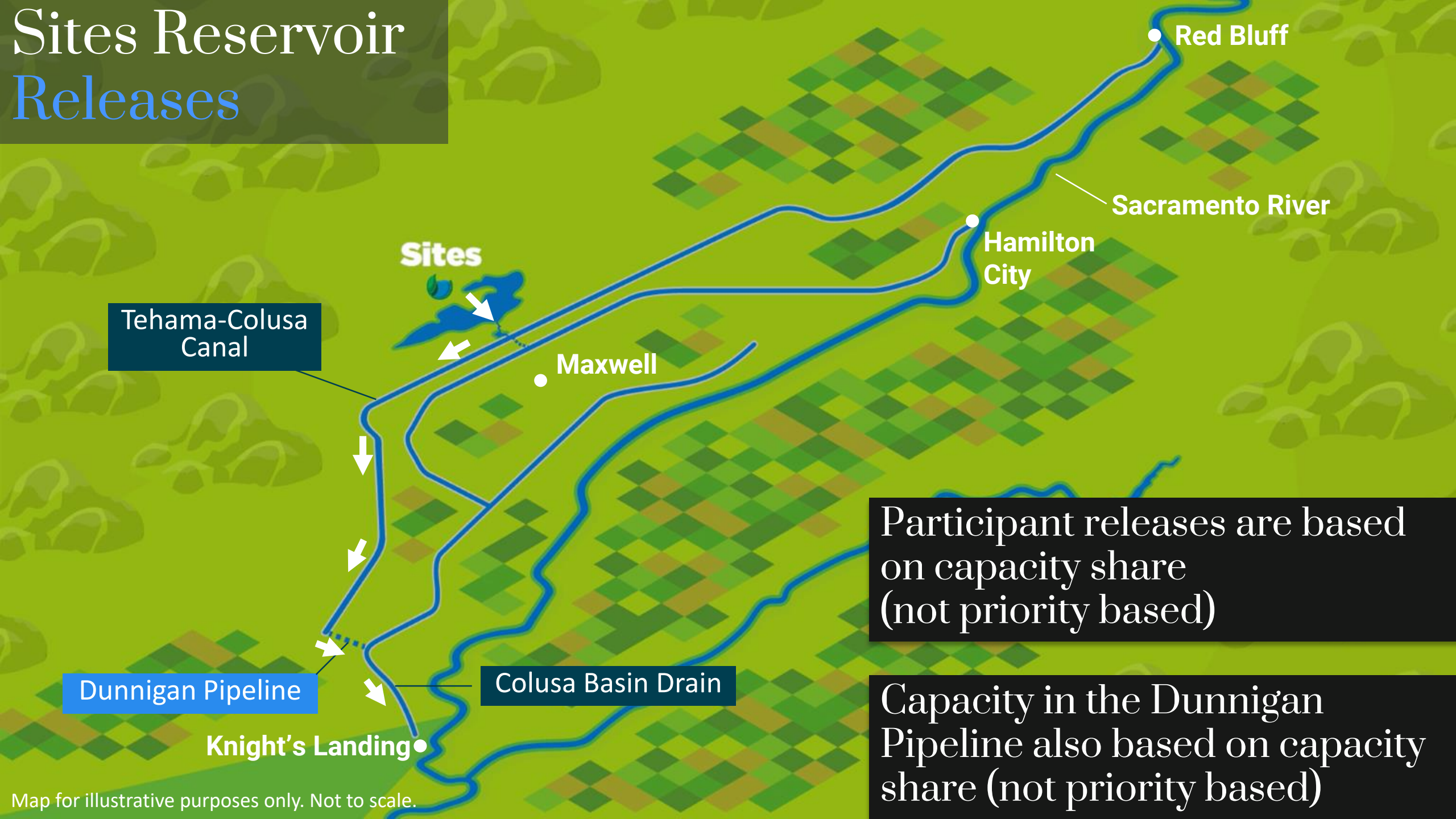
# Sites Reservoir Diversions



Participants receive capacity share of the inflow until storage is full (not priority based)

Stored water does not spill

# Sites Reservoir Releases



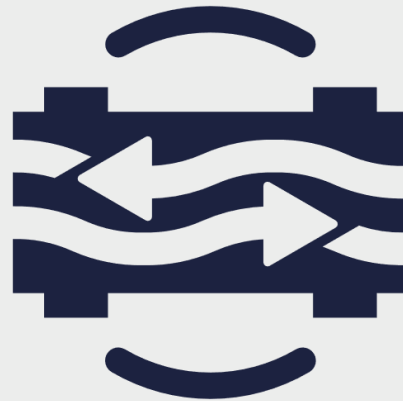
Map for illustrative purposes only. Not to scale.



# Participant Flexibility



Direct Deliveries



Transfers/Exchanges



Leases





Direct Deliveries



Transfers/Exchanges



Leases

Sacramento River

Delta

California  
Aqueduct

SWP/CVP  
Pumping Plants

Sites

Shasta Lake

Lake Oroville





During high storage conditions  
Metropolitan can sell transfer water to other participants or to  
non-participants within Sites' place of use.





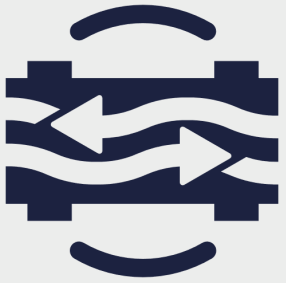
## During low storage conditions

Metropolitan can purchase transfer water within the reservoir from other participants.





Direct Deliveries

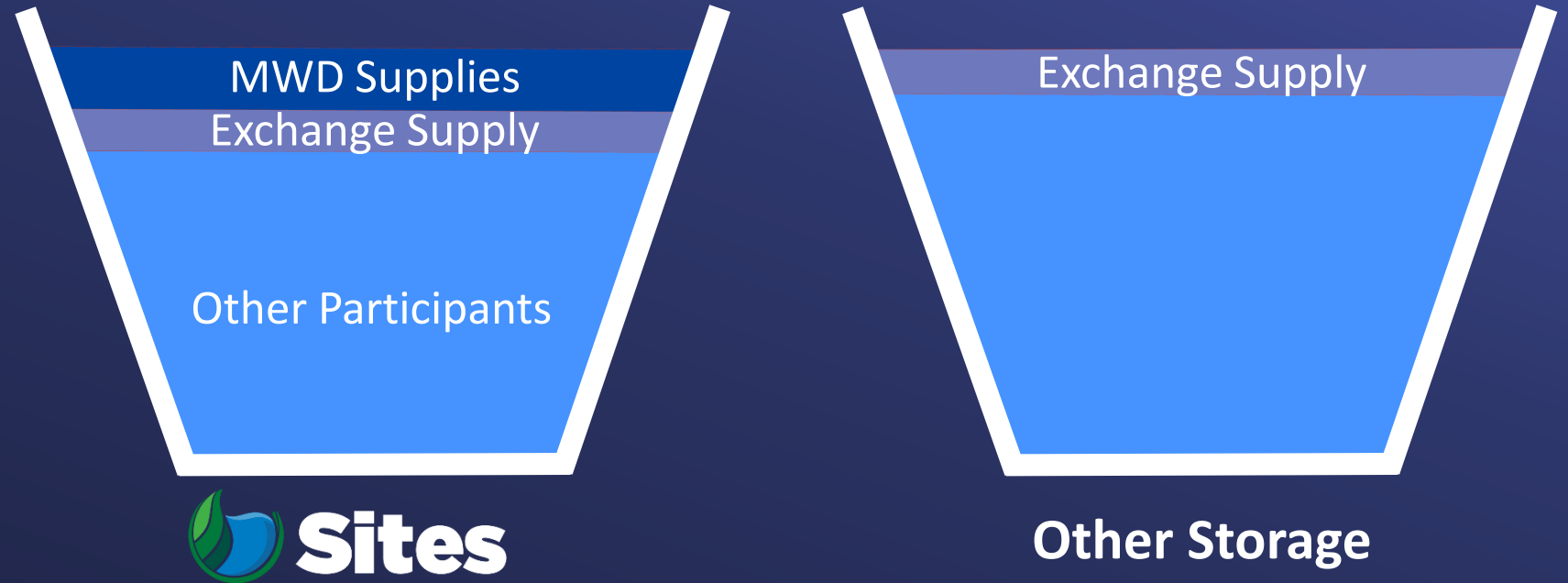


Transfers/Exchanges



Leases

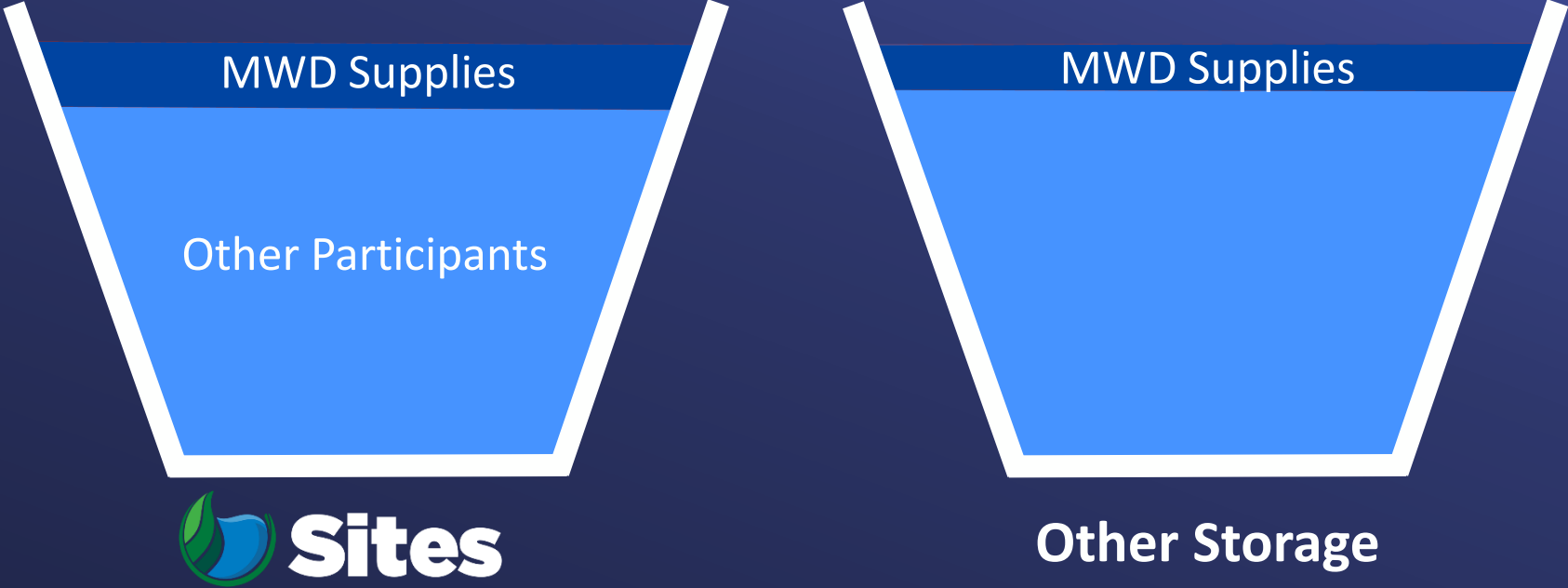
Exchanges can be made Statewide  
Metropolitan can exchange Sites supplies for water supplies  
stored elsewhere.







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Direct Deliveries

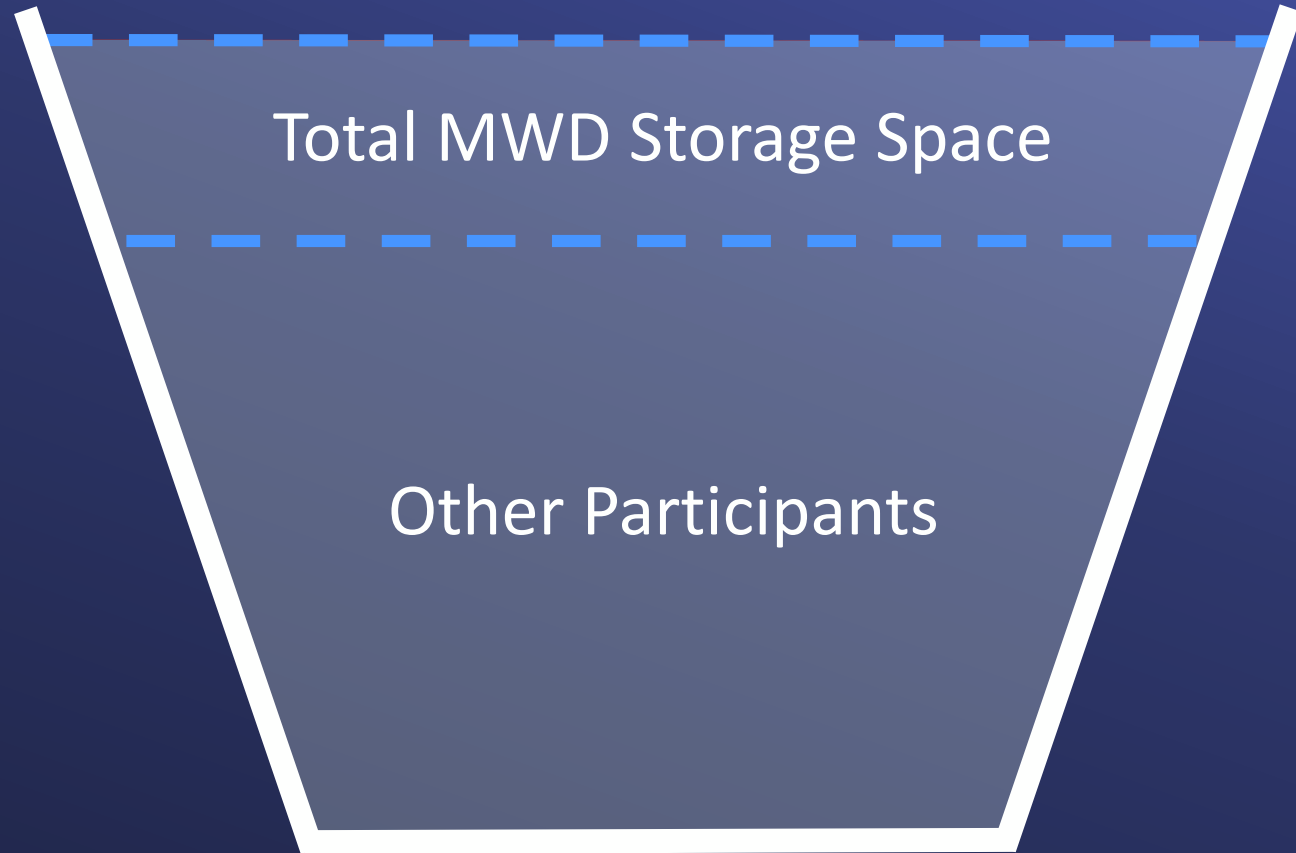


Transfers/Exchanges



Leases

Reservoir space can be leased within the reservoir between participants.





Direct Deliveries

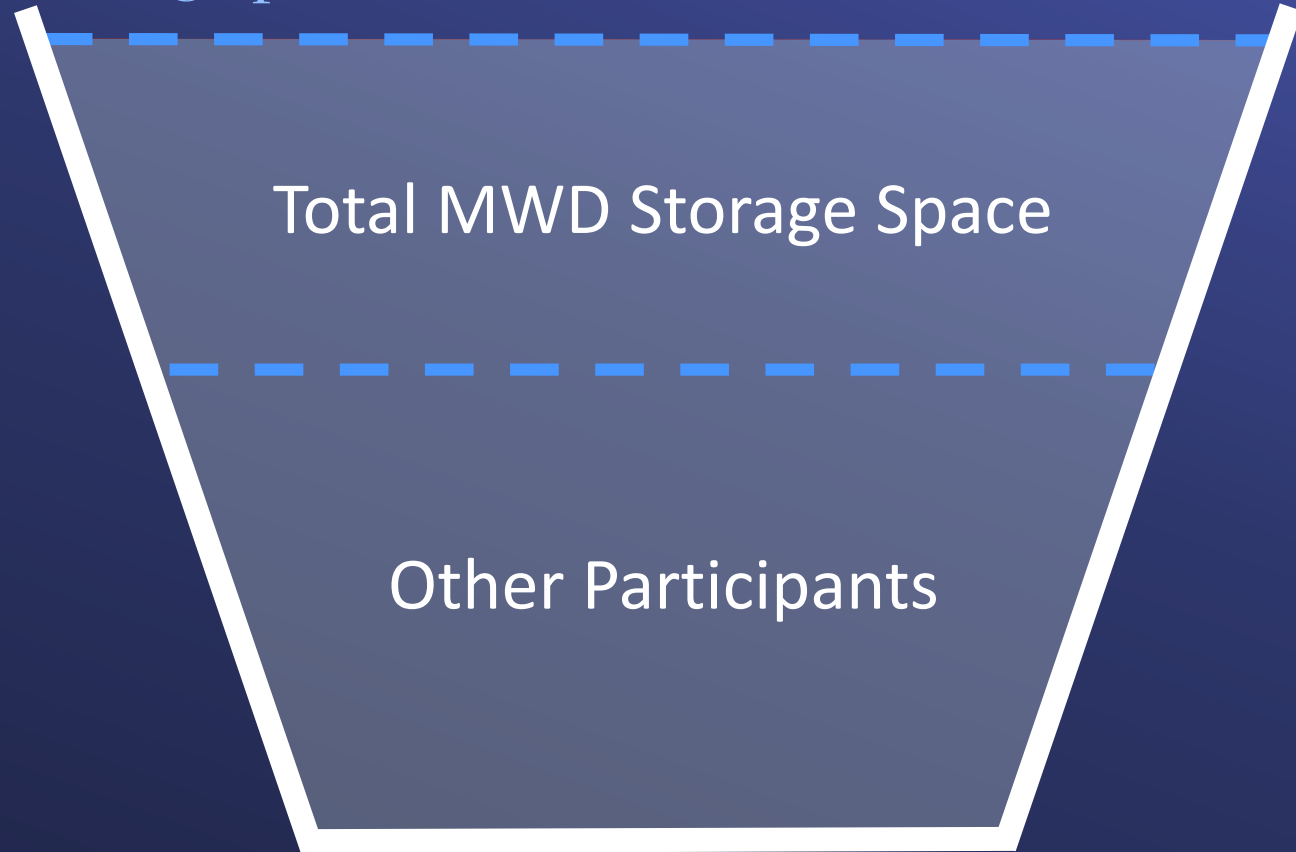


Transfers/Exchanges



Leases

Reservoir space can be leased within the reservoir  
between participants.  
Leasing space from others would increase benefits.



**Sites**



Direct Deliveries



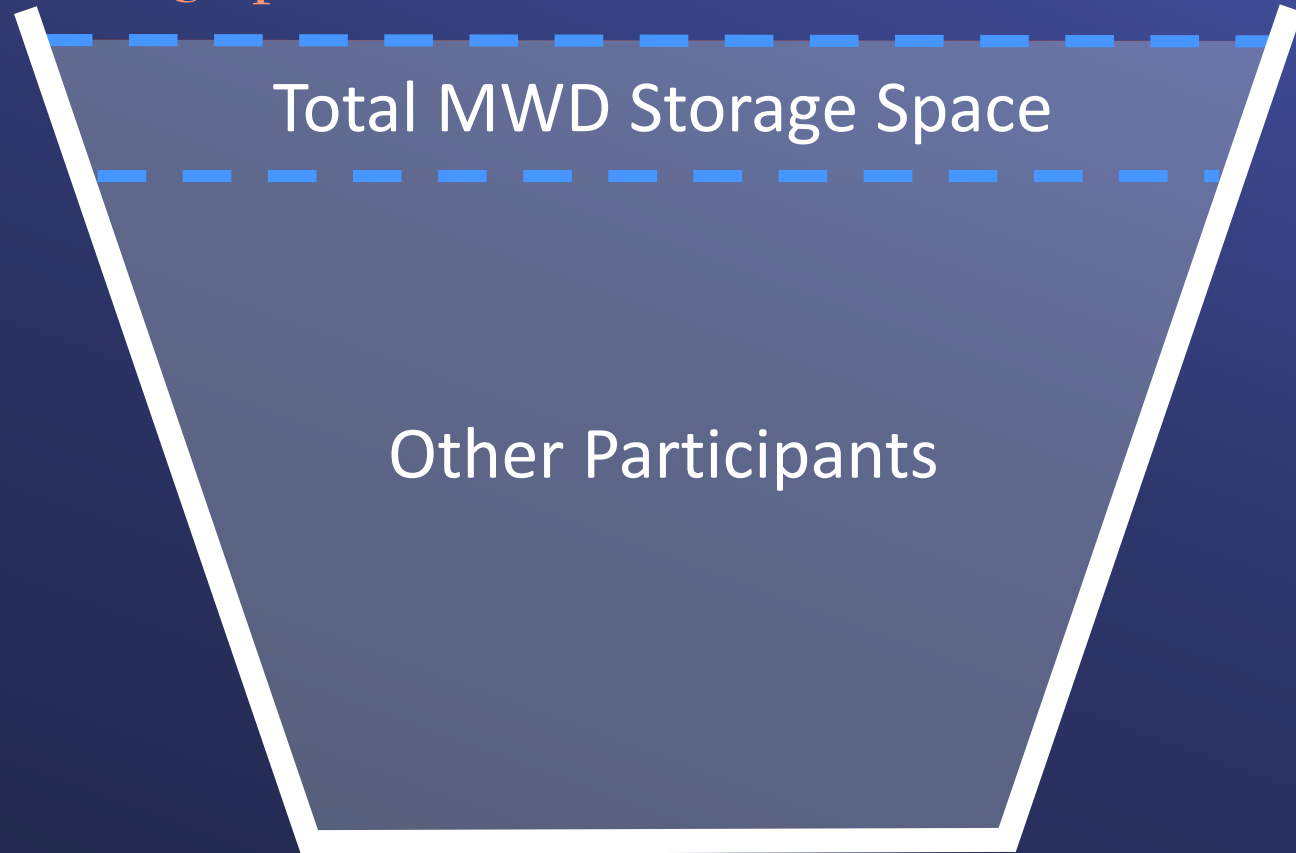
Transfers/Exchanges



Leases

Reservoir space can be leased within the reservoir between participants.

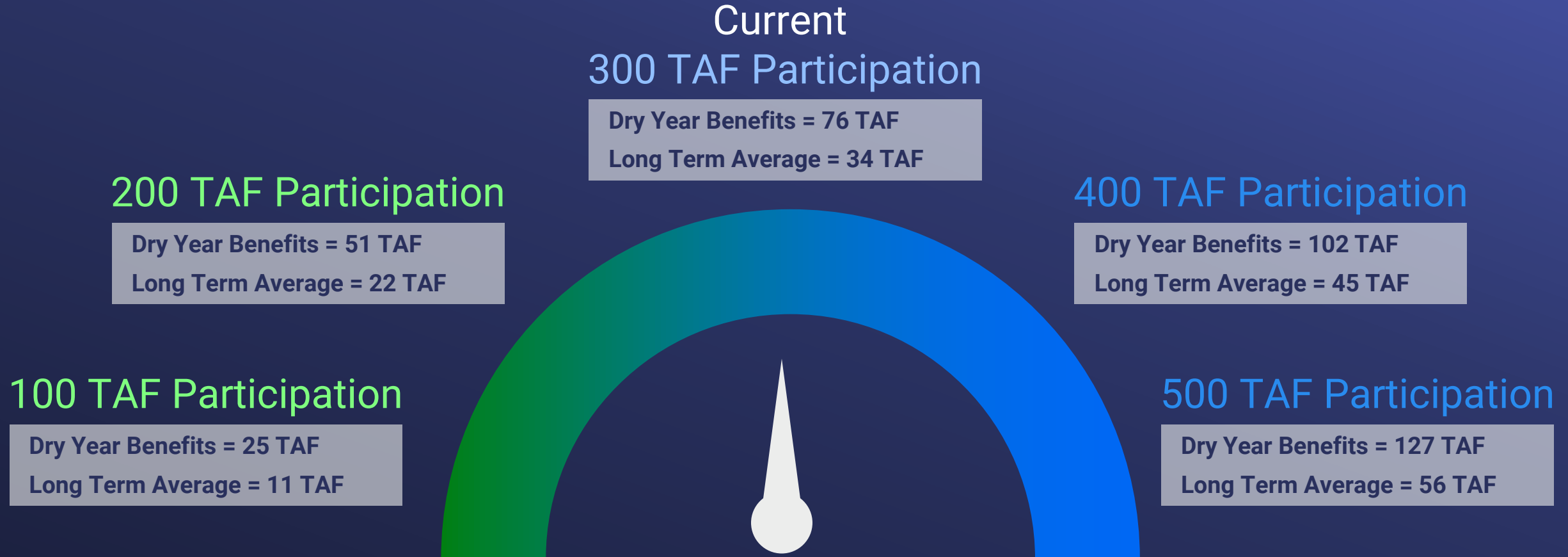
Leasing space to others would reduce benefits.



**Sites**



# Metropolitan Can Choose Its Final Participation Level



Source: Sites Project ITP Application CalSim Modeling Results. Potential deliveries to Metropolitan service area after carriage water losses.

# Metropolitan's Level of Participation to Date

Participant Name	Amendment 3 Storage Allocation	% Available Storage
Antelope Valley – East Kern WA	3,117	0.2%
City of American Canyon	24,936	1.8%
Coachella Valley WD	62,340	4.4%
Colusa County	62,340	4.4%
Colusa County WD	57,702	4.1%
Cortina WD	2,805	0.2%
Davis WD	12,468	0.9%
Desert WA	40,521	2.9%
Dunnigan WD	18,527	1.3%
Glenn-Colusa ID	31,170	2.2%
Irvine Ranch WD	6,234	0.4%
LaGrande WD	6,234	0.4%
<b>Metropolitan Water District of SC</b>	<b>311,700</b>	<b>22.1%</b>
Reclamation District 108	24,936	1.8%
Rosedale-Rio Bravo WD	3,117	0.2%
San Bernardino Valley Municipal WD	133,408	9.5%
San Geronio Pass WA	87,276	6.2%
Santa Clara Valley WD	3,117	0.2%
Santa Clarita Valley WA	31,170	2.2%
Westside WD	33,508	2.4%
Wheeler Ridge-Maricopa WSD	19,014	1.3%
Zone 7 WA	62,340	4.4%
State of CA	244,000	17.3%
Reclamation	128,020	9.1%
<b>Available Total Storage</b>	<b>1,410,000</b>	<b>100.0%</b>

## At a glance:

North of Delta	19.4%
South of Delta	53.9%
Reclamation	9.1%
State of CA	17.3%

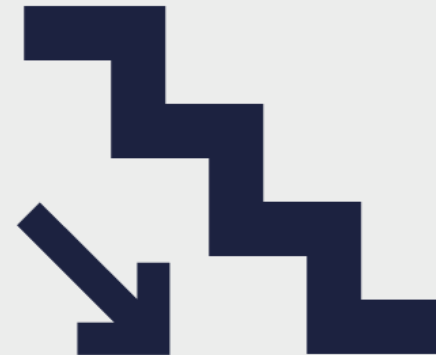
# Potential for Increased Affordability & Partnerships



State/Federal Funding



Lease Reservoir Space



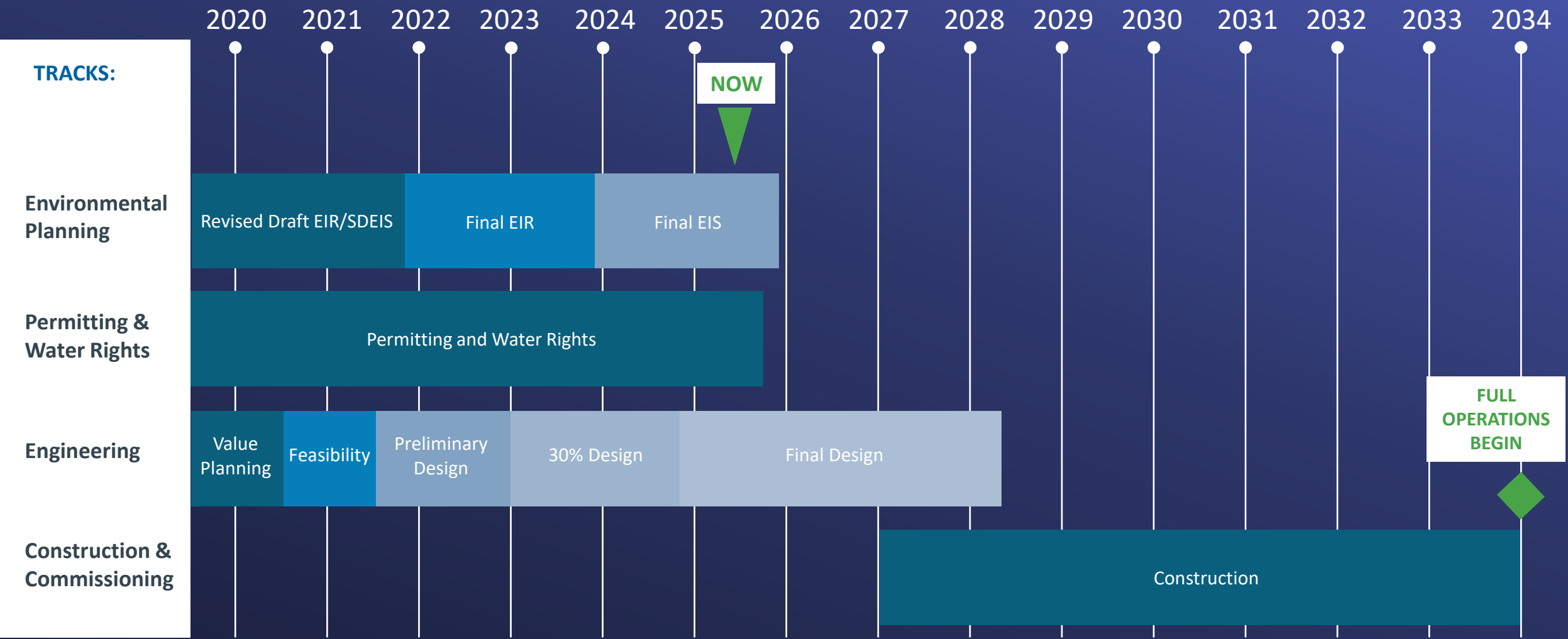
Reduce Participation

# Potential Participants

Participant Name	Requested Storage Allocation (TAF)
City of Fairfield	9.4
City of Mountain House	34.3
City of Napa	24.9
Dudley Ridge	9.4
Eastern Municipal WD	10.0
Glenn County	6.2
La Cumbre MWC	6.2
Madera County GSA	62.3
Pacific Resources MWC	12.5
Palmdale WD	12.5
Reclamation	86.1
Santa Clara Valley WD	34.3
Western Municipal WD	12.5
Westlands WD	62.3
Wheeler Ridge – Maricopa WSD	23.1
Woodland Davis Clean Water Agency	31.2
<b>Total</b>	<b>437.2</b>



# Sites Reservoir Project Schedule



# Sites Draft Timeline – Subject to Change & Modification

