

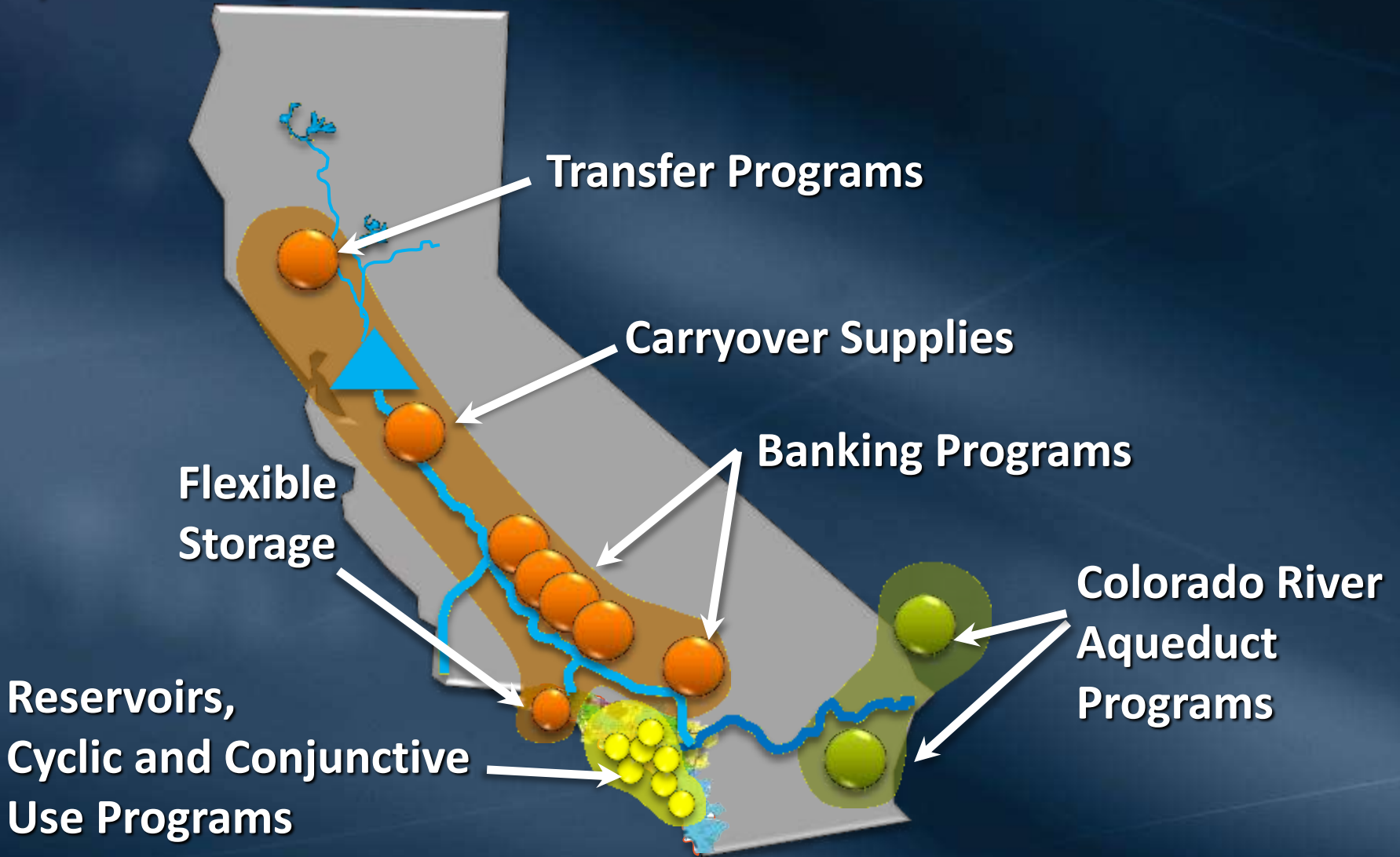


Cyclic Storage Program Deliveries in FY 2017-18

Water Planning and Stewardship Committee
Item 6a
August 20, 2018

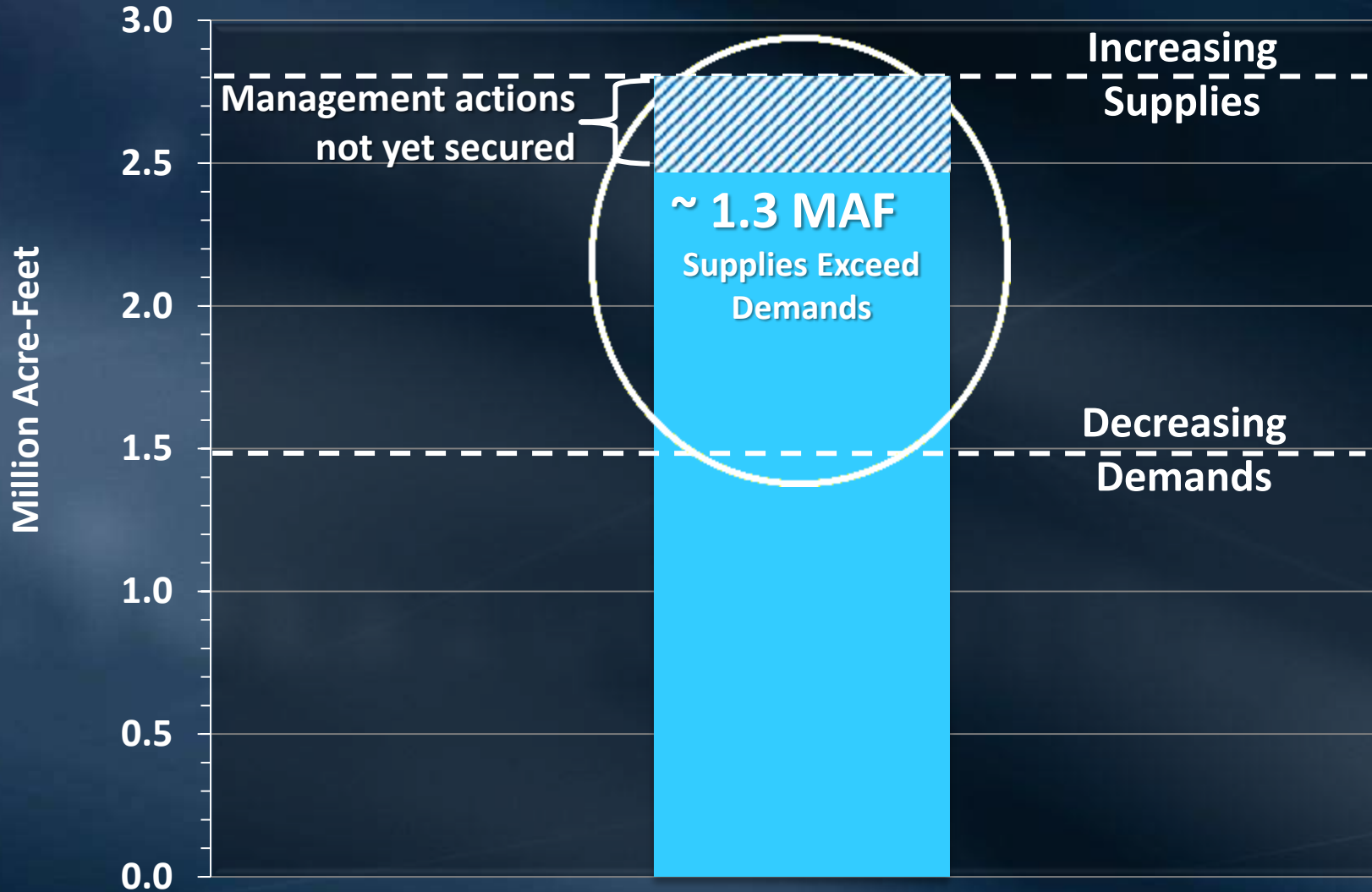
Background

Cyclic Program Part of Diverse WSDM Portfolio



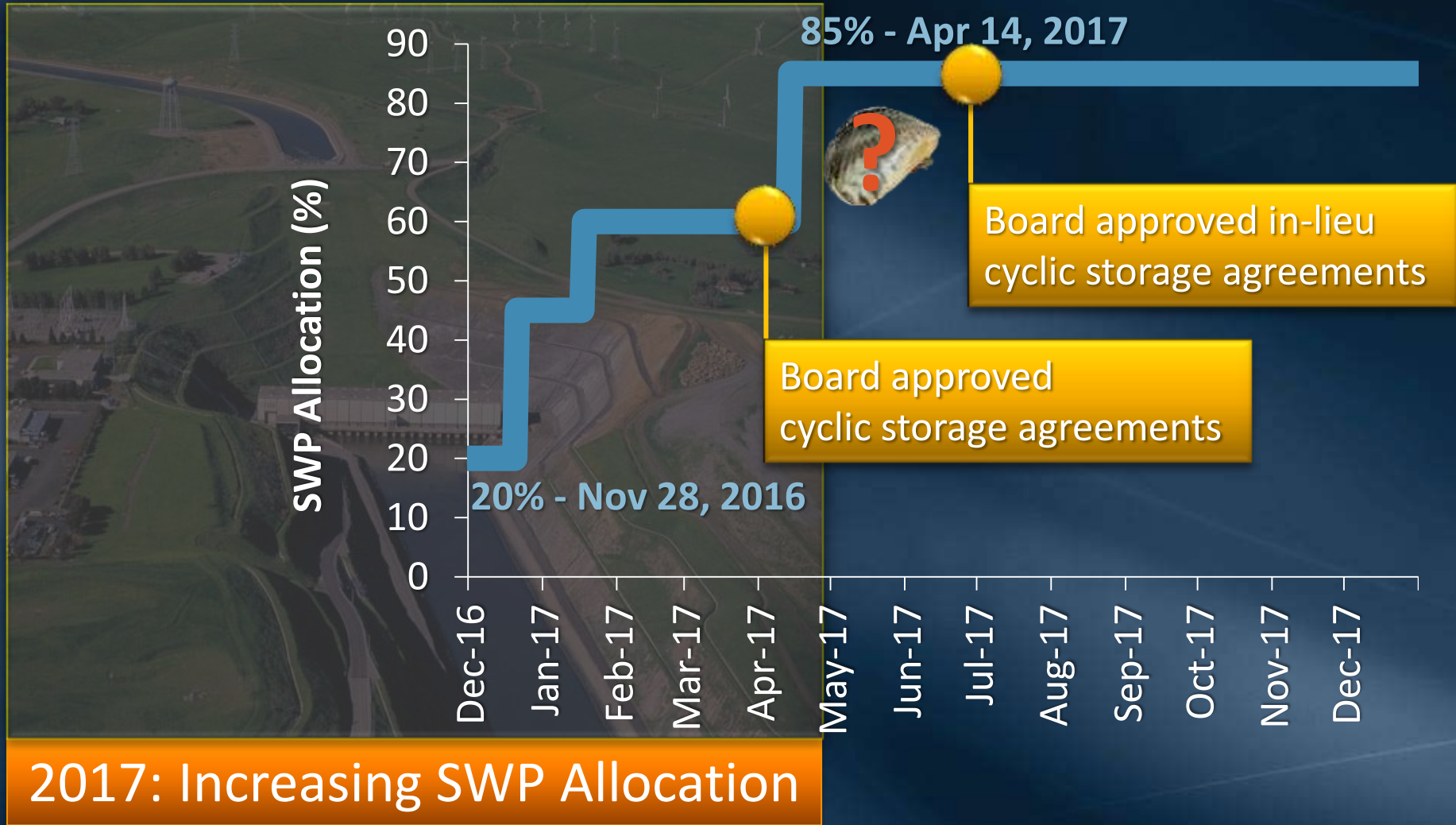
Background

Water Management Challenges in 2017



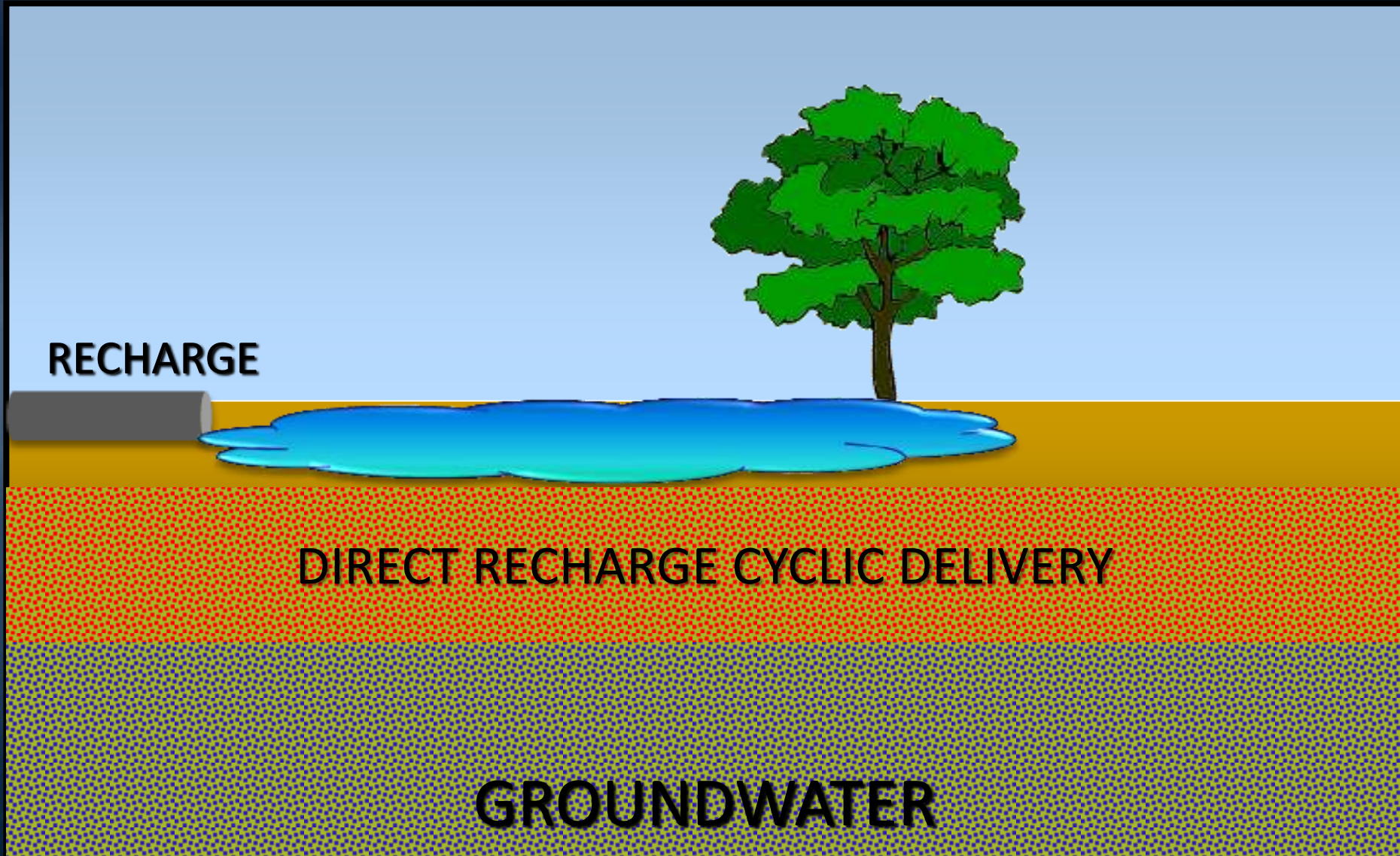
Background

Maximizing Capture of Extraordinary 2017 Surplus



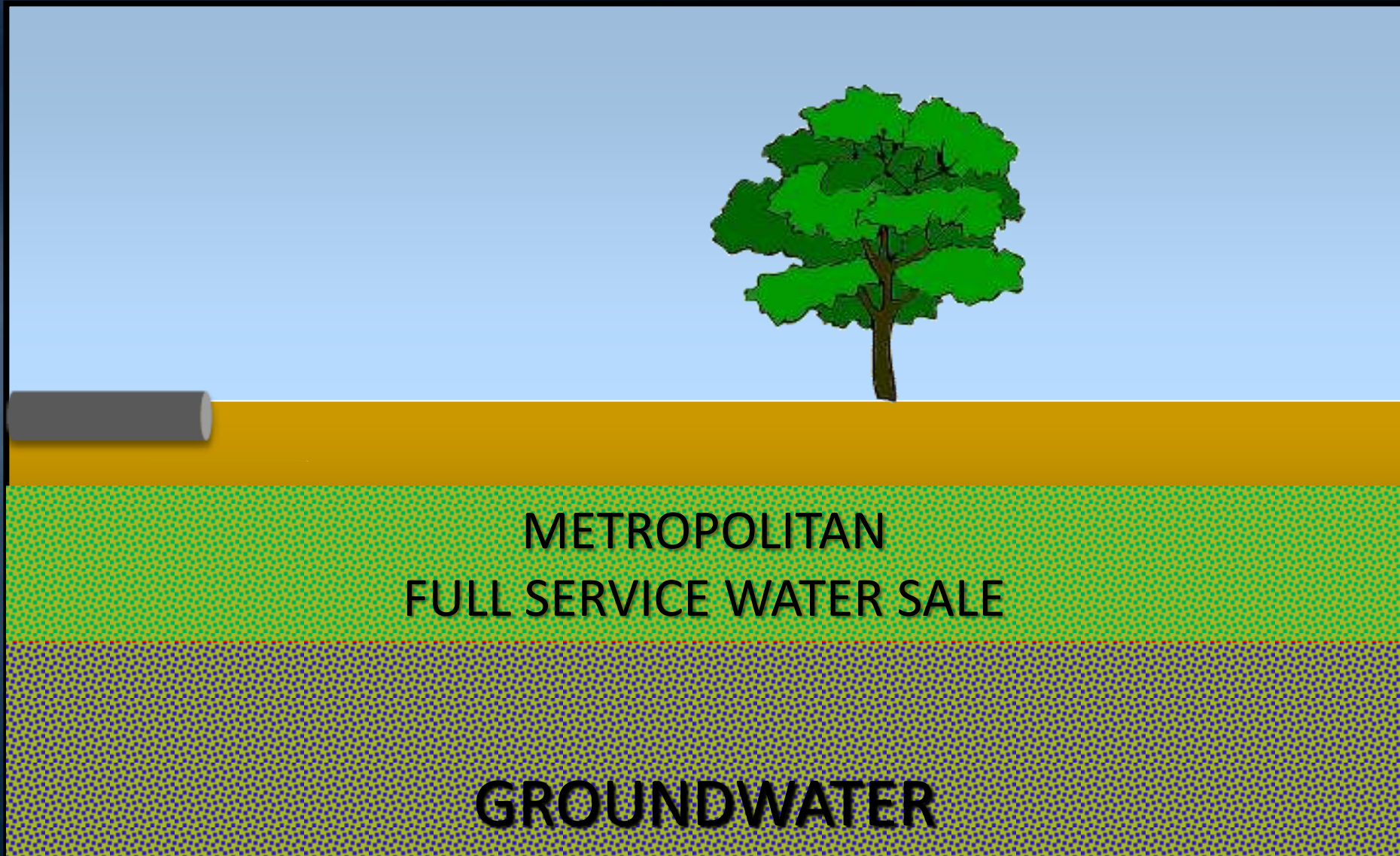
Direct Recharge

How Cyclic Works in a Delivery Year



Direct Recharge

How Cyclic Works in a Future Year



In-Lieu

How Cyclic Works in a Delivery Year

INCREASE METROPOLITAN
DELIVERIES

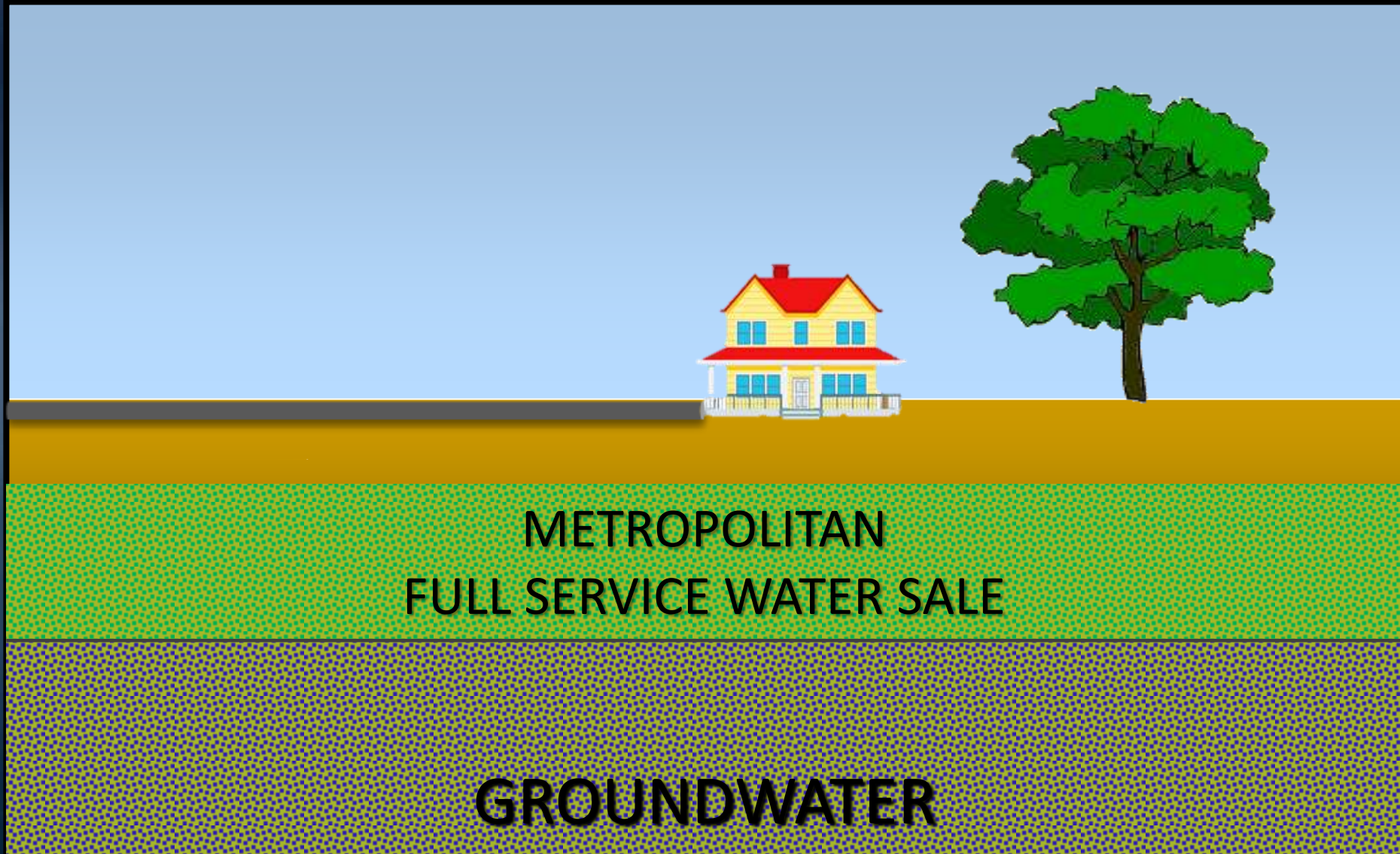


IN-LIEU CYCLIC DELIVERY

GROUNDWATER

In-Lieu

How Cyclic Works in a Future Year



Program Implementation Review



Reviewed and executed cyclic storage and purchase agreements



Received and reviewed operating plans for FY 2017/18



Verified and processed monthly certifications of cyclic storage deliveries



Confirmed deliveries were in addition to agency's baseline operations



Confirmed purchases were made according to agreements



Followed required procedures (consistent with agreements and Metropolitan's Administrative Code)

Result: Record Storage Gain in 2017

Member Agency	Cyclic Storage Agreement (AF)	In-Lieu Delivery ² (AF)	Direct Delivery ² (AF)	Total Stored (AF)
Burbank	35,000	N/A	6,000	6,000
Calleguas MWD	5,000	N/A	0	0
Eastern MWD	30,000	N/A	1,000	1,000
MWD of Orange County	100,000 ¹	50,000	4,000	54,000
City of Anaheim		11,000	N/A	11,000
City of Fullerton		1,000	N/A	1,000
City of Santa Ana		3,000	N/A	3,000
Upper San Gabriel Valley MWD*	100,000	N/A	42,000	42,000
Three Valleys MWD*	50,000	N/A	2,000	2,000
Total	320,000	65,000	55,000	120,000

¹Deliveries to Anaheim, Fullerton, and Santa Ana were stored in the MWDOC Cyclic Account

²Deliveries as of December 31, 2017

*Agreement was reviewed/signed prior to 2017

Record Single-Year Delivery to Cyclic Storage

Cyclic Program Implementation Highlights

- Met program goals
 - Successfully captured 120,000 acre-feet of supplies that would have been lost to the region
 - Increased local storage balances (and local emergency supply), improving water supply reliability for the region
- Met established requirements
 - Maintained consistency with Board's authorization, Metropolitan's Administrative Code, and other procedures

Next Steps

- Final reconciliation of the 2017/18 Cyclic In-Lieu Program
- Future program considerations
 - Program improvements
 - Implement on a case-by-case basis

