

FISCAL YEAR 2022-23 BASIN PRODUCTION PERCENTAGE PUBLIC HEARING – SUSPENSION OF IMPORTED WATER PURCHASES

Water Issues Committee

January 11, 2023

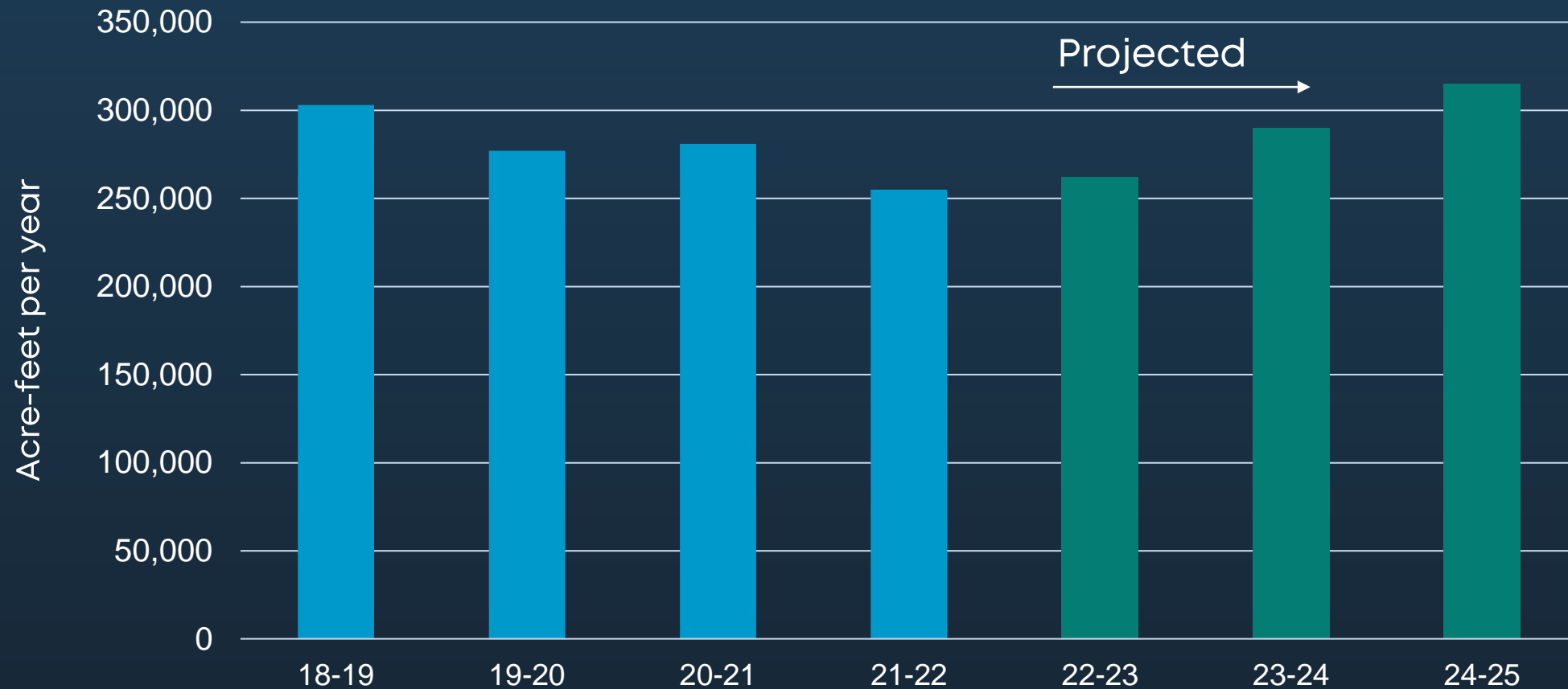


Groundwater Pumping and Replenishment Assessment Revenues

- Groundwater Pumping will be less than budgeted
 1. Declining total water demands
 2. Delays in constructing PFAS treatment systems
 3. New PFAS testing orders for 39 additional wells
- Budgeted 295,000 acre-feet - \$164 million of RA revenue
- Current projection 263,000 acre-feet - \$146 million of RA revenue



Recent and Projected Groundwater Pumping



Increasing the Basin Production Percentage

- Requires a public hearing – set for February 1, 2023
 - Current BPP is 77%
 - Increase to 85% for the year
 - Requires setting the BPP for the remaining five months of FY22-23 to 96.3%
 - 77% for 7 months
 - 96.3% for 5 months
- } 85% for FY 22-23



Increasing the BPP Will Not Significantly increase Groundwater Pumping

- Approximately six Producers have PFAS issues – may not even pump up to current 77% BPP
- Approximately eight Producers will already be pumping 90 – 100%
- Remaining five Producers are either relatively small and/or do not have significant excess pumping capacity to fully take advantage of the higher BPP
- Expect ~ 1,500 acre-feet of additional groundwater pumping (\$0.8 million)



Suspend Imported Water Purchases for the Remainder of the Fiscal Year

- Staff has been working to purchase and recharge 22,000 acre-feet of imported water
- 16,900 acre-feet was purchased as of December 1st
- Suspend future purchases this fiscal year
- Saves ~ \$4.1 million
- Money remains in the Water Fund for future purchases



Other Issues

- The District will receive a \$5 million earmark from the federal budget for the PFAS treatment program.
- A recent settlement of \$3 million was received from Northrop for the North Basin contamination issue.



Financial Summary

Item	~Impact (Millions)
Raise Basin Production Percentage	~\$0.8
Suspend Water Purchases	\$4.1
Federal earmark	\$5.0
Northrop Settlement	<u>\$3.0</u>
Total	~\$12.9



FY 2022-23 Groundwater Basin Water Balance

Water Source	Original Amount (afy)	Updated Amount (afy)
SAR Baseflow	75,000	75,000
SAR Stormflows	52,000	52,000
Incidental Recharge	56,000	56,000
GWR System	110,000	110,000
MWD untreated supplies	22,000	16,900
Other	<u>3,000</u>	<u>3,000</u>
Total Water Into Basin	318,000	312,900
Expected Pumping	<u>295,000</u>	<u>263,000</u>
Subtotal Basin Gain/Loss	23,000	49,900



Recommendations

Agendize for the January 18 Board meeting:

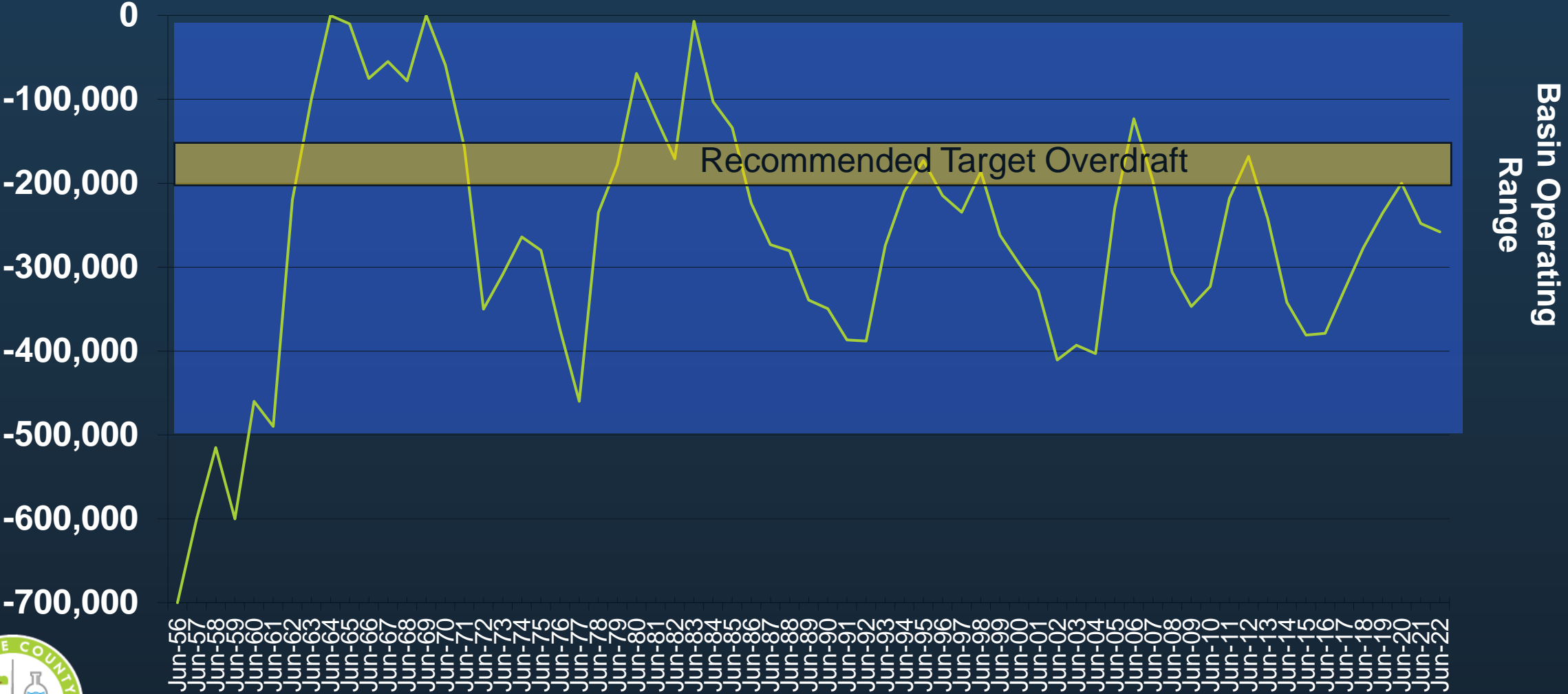
- (1) Schedule a public hearing on February 1, 2023 to increase the Basin Production Percentage from 77% to 96.3% for the remaining five months of the fiscal year (resulting in an average BPP of 85% for the entire year); and
- (2) Suspend purchases of imported water for the remainder of the year.



Additional Slides

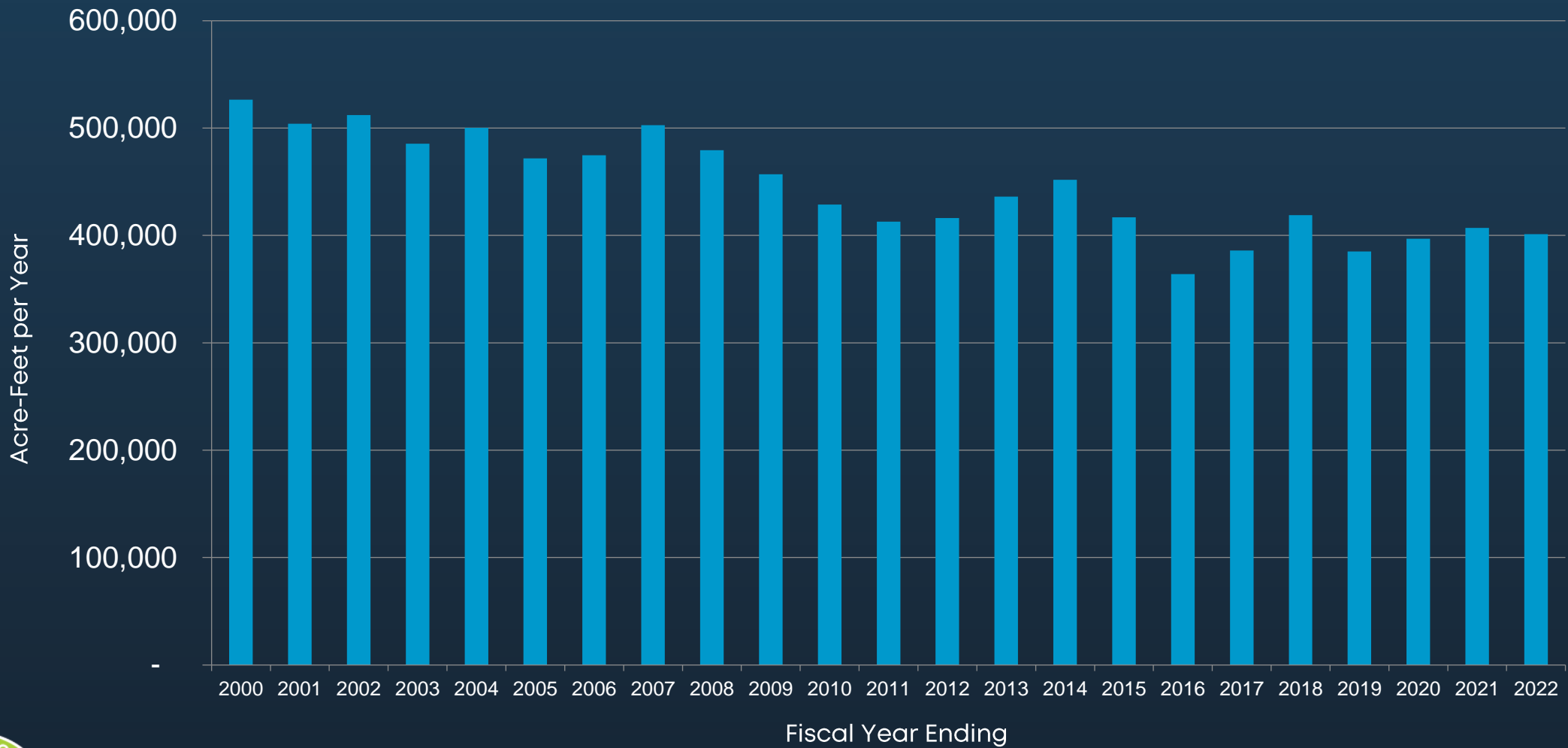


OCWD Groundwater Basin Accumulated Overdraft



Basin Operating Range

Groundwater Producers Total Water Demands



Predicting Groundwater Pumping Can be Difficult

- The 19 Groundwater Producers determine how much groundwater they will annually pump
- Influenced by
 - BPP
 - Total water demands
 - Well capacity
 - Water quality issues
 - Imported water availability
 - OCWD programs
 - Water preference



Construction of New PFAS Treatment Systems

- Currently 58 wells impacted
- Typical construction period has increased from 10 months to 12-18 months
- Systems have been constructed for 19 wells
- 2023 – expect another 28 wells to come on line
- Sept 2024 – expect remaining 11 wells to come on line

