



Valley Water

Clean Water • Healthy Environment • Flood Protection



Overview on Water Supply Planning

Presented by **Aaron Baker**, Chief Operating Officer

April 13, 2021 – City of San Jose City Council Meeting

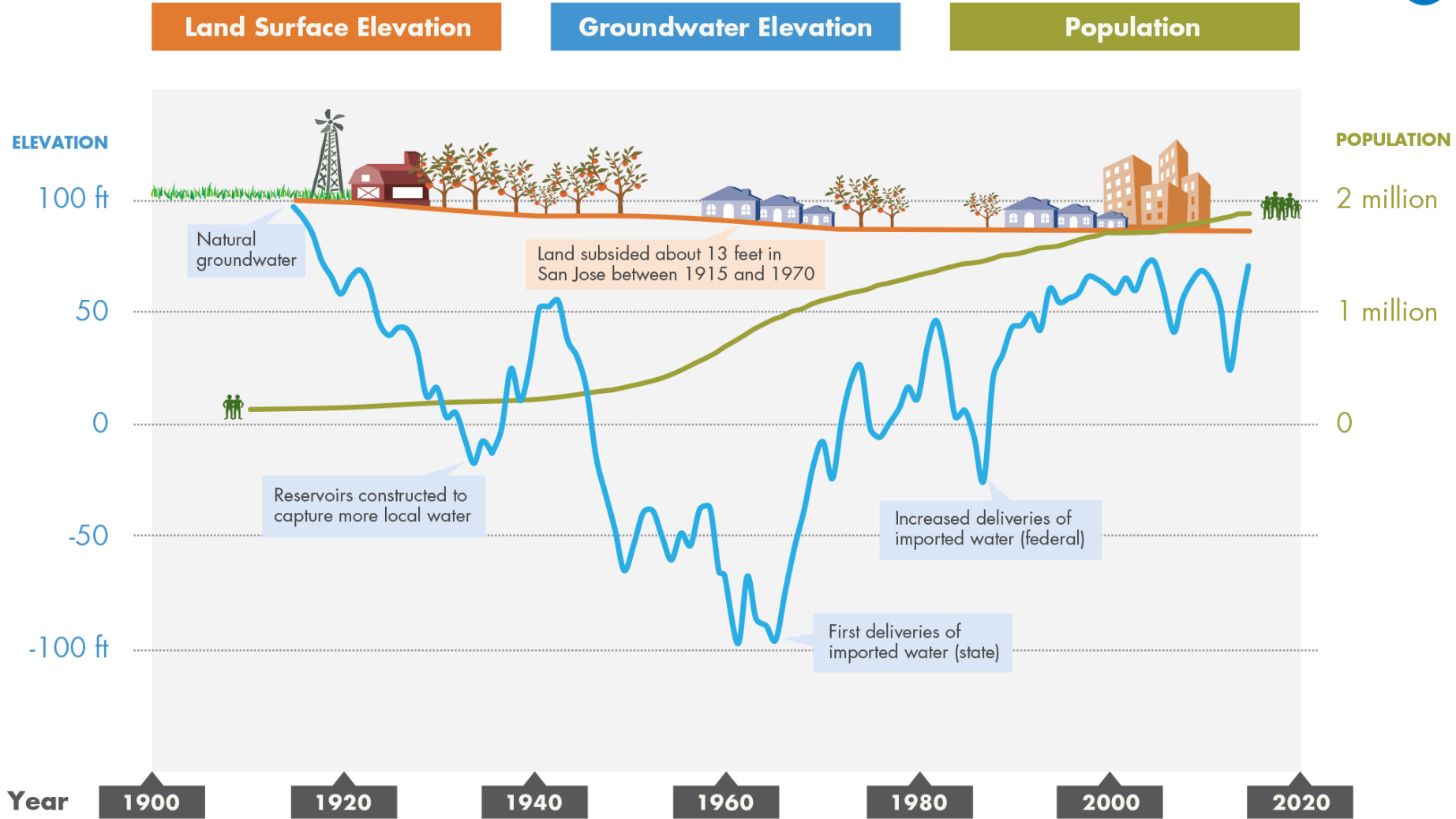
SANTA CLARA COUNTY GROUNDWATER AT-A-GLANCE

a graphic representation not intended as a technical exhibit

Santa Clara Valley
Water District

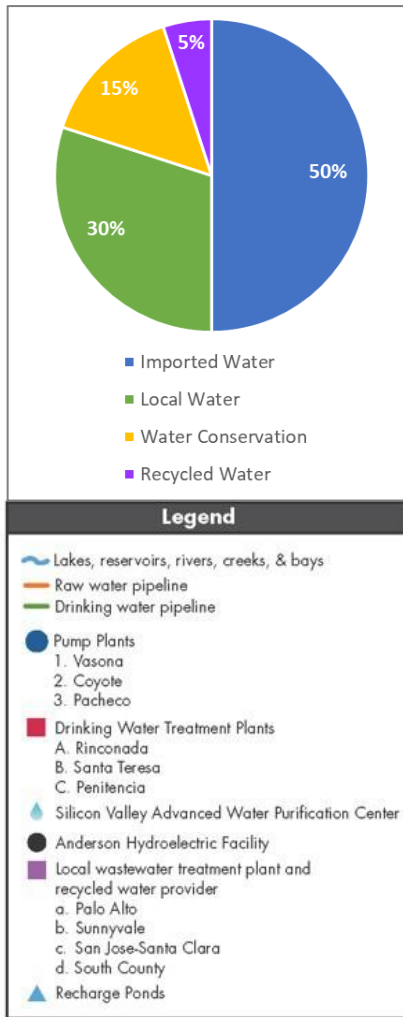


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A Comprehensive, Flexible Water System 4



10 reservoirs
 3 pump stations
 142 miles of pipelines
 3 water treatment plants
 1 water purification center
 393 acres of recharge ponds
 \$7.1B System Replacement Value

Diversified Portfolio for a Reliable Supply 5

IMPORTED WATER



LOCALS SURFACE & GROUNDWATER



CONSERVATION



RECYCLED WATER



Drought Monitor

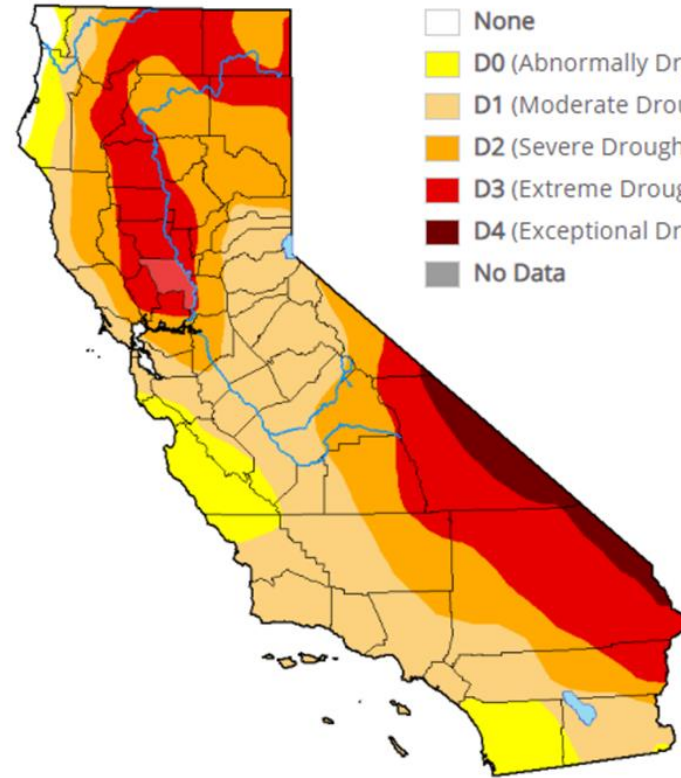
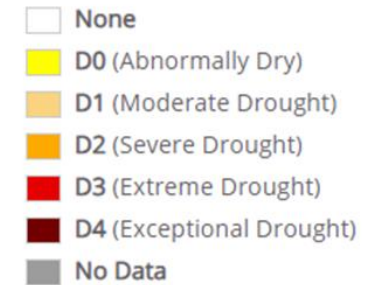
- Rainfall: 45% of avg. (4.61 inches)
- Northern Sierra Snowpack: 66%
- Local Reservoir Storage: 44% of restricted capacity
- SWP/CVP Allocations: 5% and 55%/5%

Total groundwater storage at end of 2021 is projected to be in Stage 1 (Normal) of Water Shortage Contingency Plan.

Map released: Thurs. March 4, 2021

Data valid: March 2, 2021 at 7 a.m. EST

Intensity:



Water Supply Master Plan

Ensure Sustainability Strategy

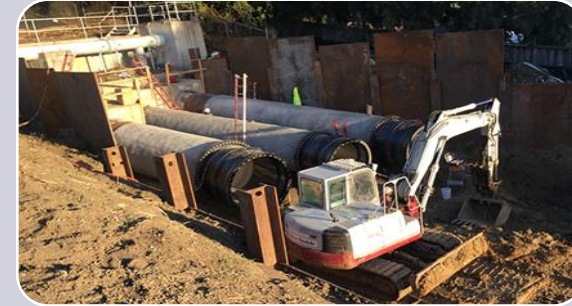
7



1. Secure
existing
supplies and
infrastructure



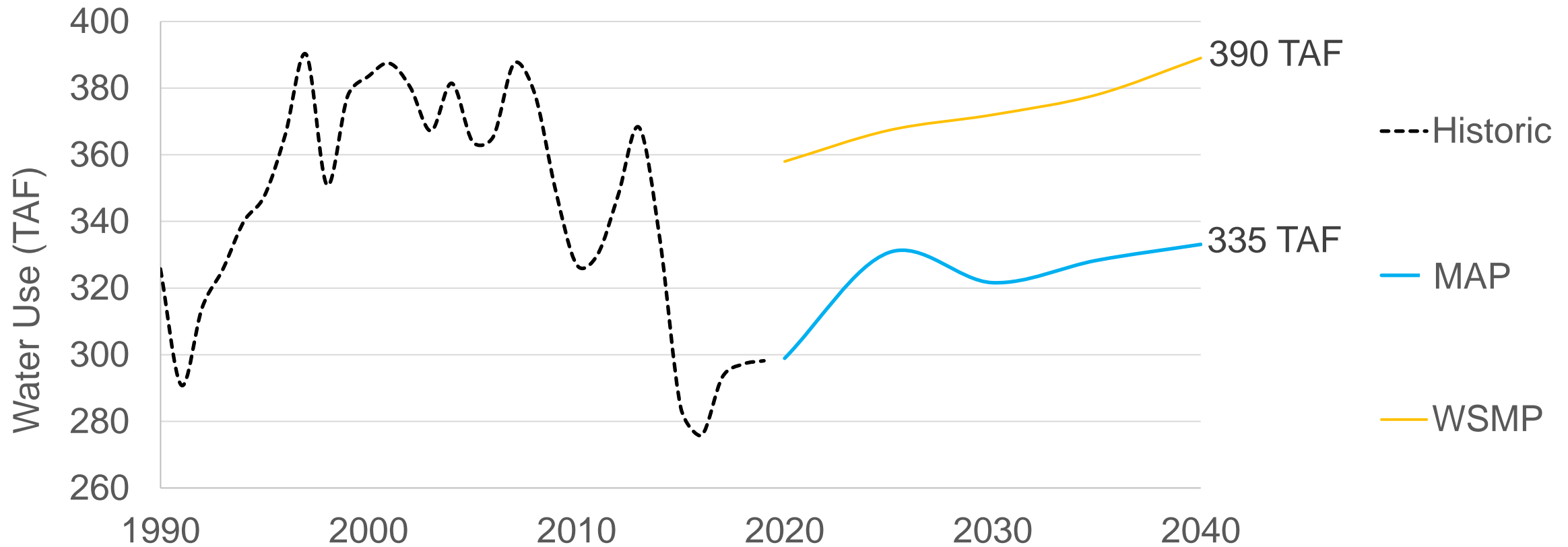
2. Expand
conservation
and reuse



3. Optimize
the system

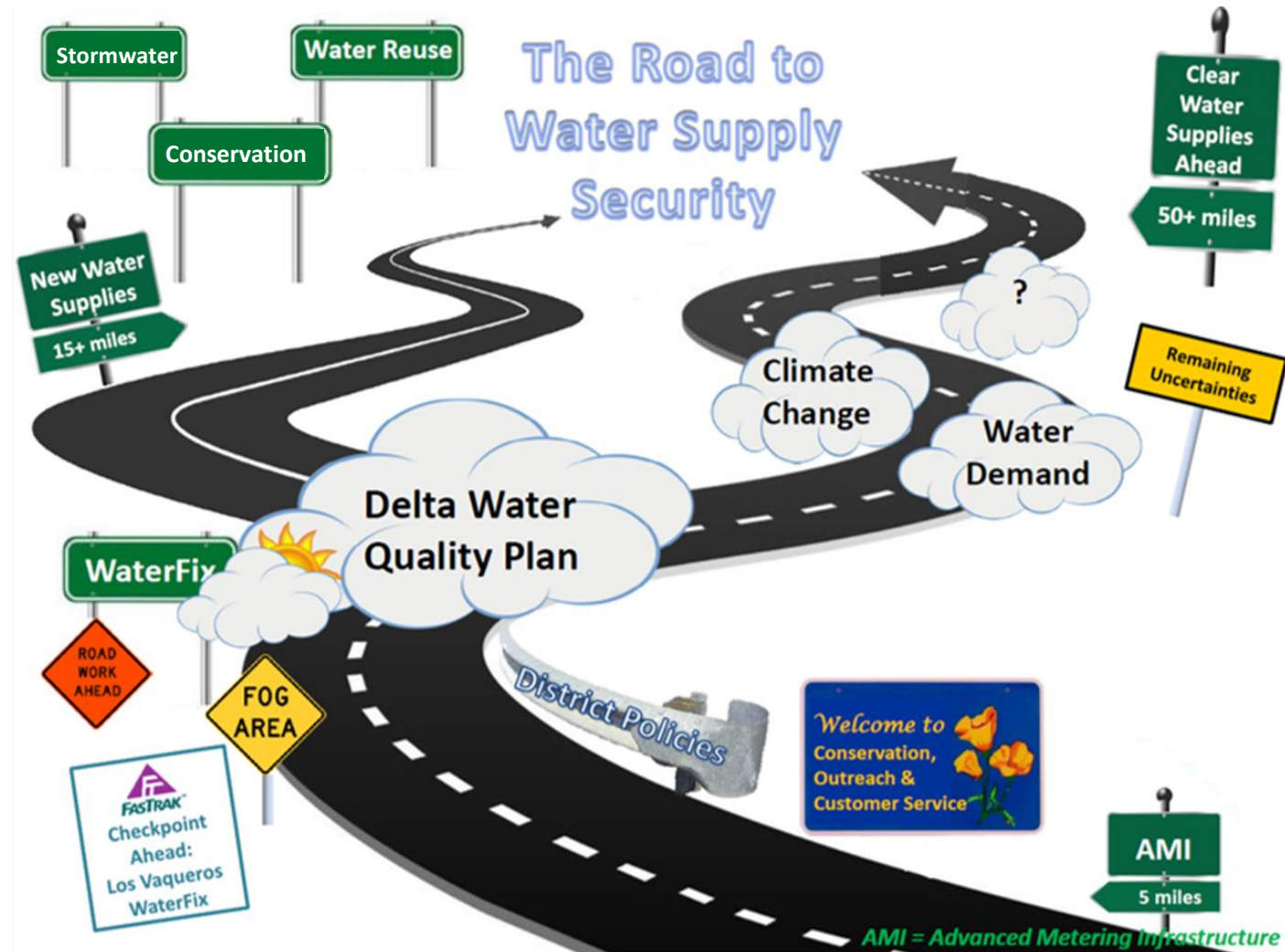
Historic and Projected Water Use (Including Water Conservation)

8



Manage Unknowns and Risks

9



Next Steps

- Collaborate on drought communication
- Promote water conservation programs and rebates
- Support water conservation ordinances (i.e., MWENDO*)
- Annual Water Supply Conditions and Outlook – spring 2021
- Draft Monitoring and Assessment Plan (MAP) – summer 2021

*Model Water Efficient New Development Ordinance (MWENDO)

QUESTIONS





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