



Engineering, Operations, & Technology Committee

Management Announcements and Highlights

Item 7a

February 12, 2024

Engineering Services

Perris Valley Pipeline Project

Tunnel Boring Machine Naming Event

- January 25, 2024
- March Air Field Museum, Riverside
- 115 people in attendance
- 3rd Grader Jessica Wang was contest winner
- TBM named “Rachel Carson”



Perris Valley Pipeline Project

Tunnel
Boring
Machine
Launch:

Start of
Mining

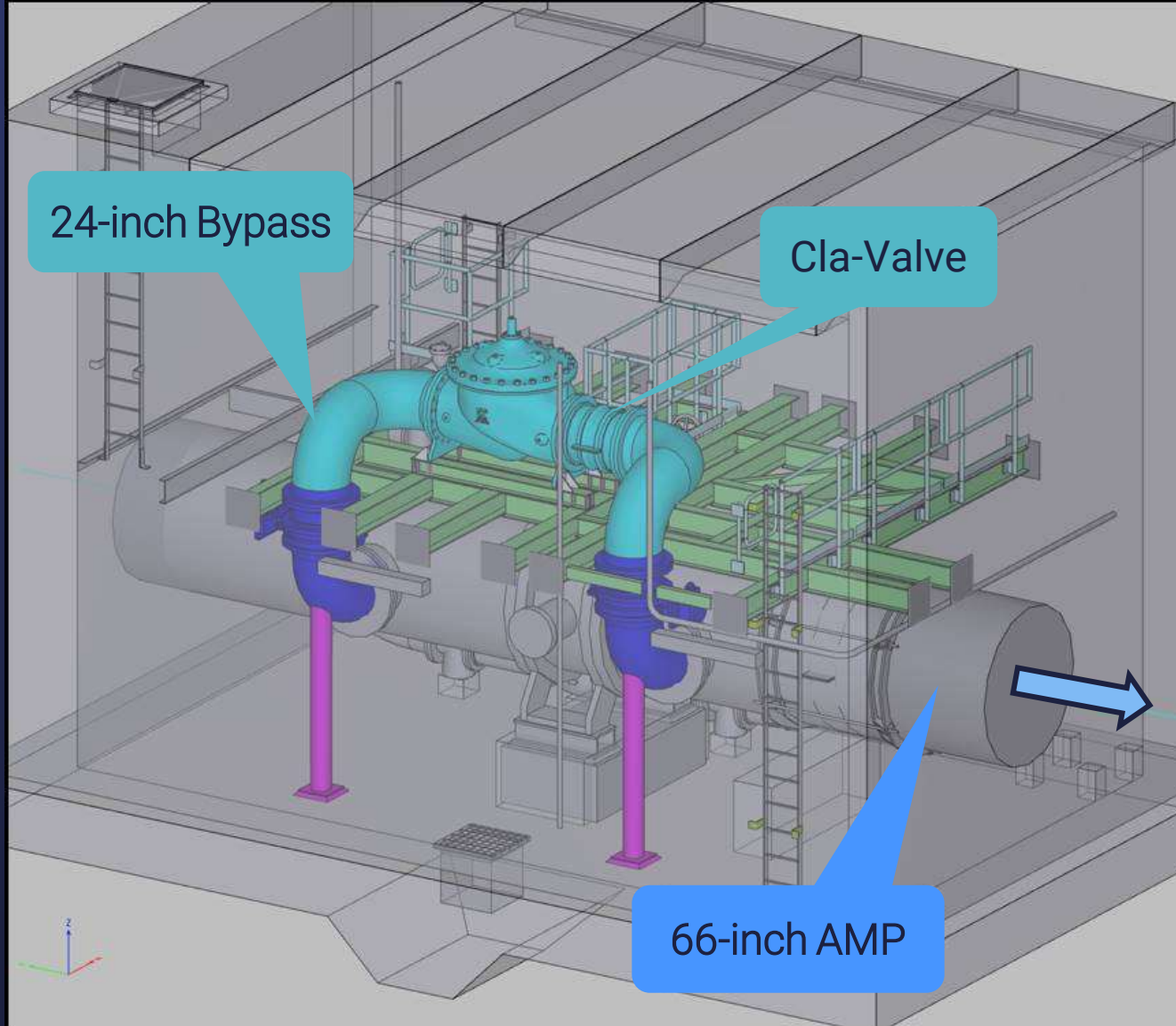


Tunnel Launch Shaft



TBM Lowered into Launch Shaft

Allen-McColloch Pipeline Urgent Repairs



Installation of 24-inch bypass Valve at OC-88 vault

- 66-inch valve will be closed
- 24-inch valve used to convey water to south end of AMP
- Effectively reduces downstream hydraulic grade line in southern portion of AMP
 - Upstream HGL 750 ft
 - Downstream HGL 670 ft

Allen-McColloch Pipeline Urgent Repairs



66-inch Valve Vault prior to installation of Cla Valve



La Verne Shop Fabrication
of Pipe Fittings



Inspection of 24-inch Cla Valve

Water System Operations

Current Operational Conditions



DWR Snow Survey
58% of Average, 1/30/24

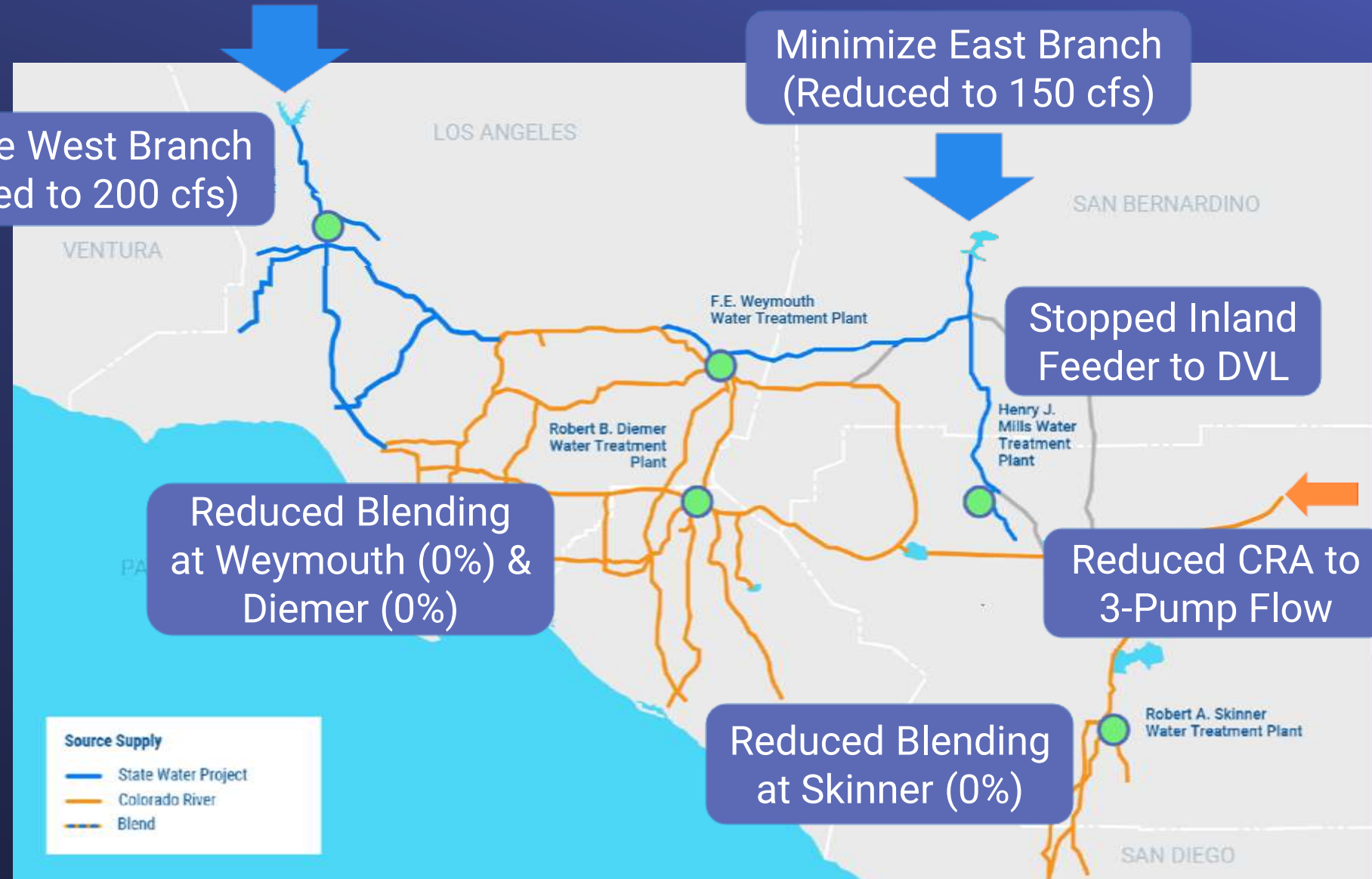
Managing Low Initial SWP Supplies

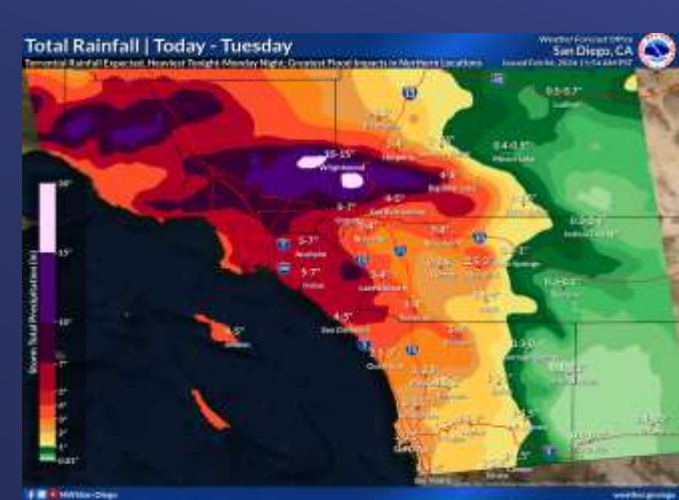
- 2024 SWP Allocation at 10%
- CRA at 3-pump flow
- Deliveries to DWCV at 0 cfs
- SWP blend targets are 0% at Weymouth, Diemer, and Skinner
- January 2024 deliveries of 65 TAF were 1 TAF higher than January 2023
 - Third lowest on record since 1979

Minimizing SWP Supplies in 2024

Early 2024 Operations

Minimizing SWP Supply Use to Prepare for Possible Drought Sequence





Severe Storm Event February 2024

***No major impacts
to Metropolitan
facilities or
operations***

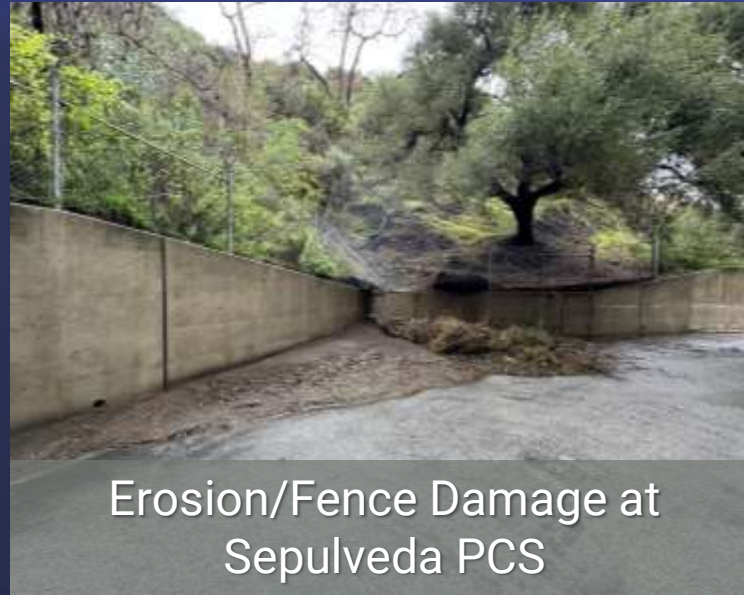
Emergency Preparedness and Response

- Metropolitan's EOC and ICPs were not activated
- Effective communications throughout event
 - GM memo and MetAlert message to employees encouraging teleworking where possible
 - WebEOC used for situational awareness/communications
 - Coordination with member agencies & emergency partners
- Some flooding at structures, erosion and downed trees around facilities, and building roof leaks
- Increased turbidity at Castaic and Silverwood lakes
- Upper Feeder shutdown postponed three days

February 2024 Severe Storm Event



Flooding at Sampling Site



Erosion/Fence Damage at
Sepulveda PCS



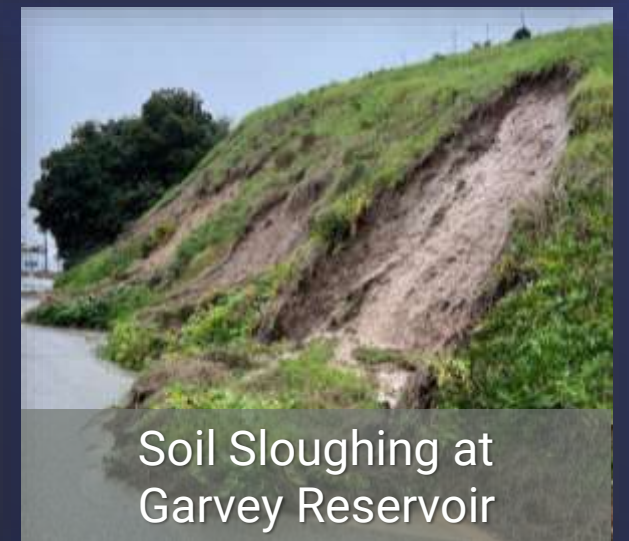
Turbid Creek Flows into
Castaic Lake



Downed Tree at PV Reservoir



Flooding at Walnut PCS



Soil Sloughing at
Garvey Reservoir

West Valley Feeder No. 2

PCCP inspection
Recently Completed

Calabazas Feeder

PCCP inspection
Recently Completed

Ensuring
Continued
**System
Reliability**

Second Lower Feeder

Rehabilitate PCCP
Underway

Upper Feeder (Treated)

Inspect San Gabriel Tower
Underway

Devil Canyon (DWR)

Repair minor leak
Feb. 13 – 15, 2024

Mills Plant

Cl₂ and electrical
maintenance
Feb. 13 – 15, 2024

Diemer Plant

Repair chemical feed line
Recently Completed

Allen-McColloch Pipeline

Perform bypass line
and valve modifications
Recently Completed

San Diego Canal

Clean canal and perform
maintenance
Feb. 21 – Mar. 28, 2024



Information Technology

No update for this period

