



Engineering, Operations, & Technology Committee

# Management Announcements and Highlights

Item 7a

March 11, 2024

# Engineering Services

# 11<sup>th</sup> Annual Girl Day Celebration at Metropolitan

Co-hosted event with ASCE

- February 22, 2024
- 117 middle school/high school students in attendance
- Representing Title IX schools in Los Angeles
- Several Engineering Services staff made presentations
- Event was part of ASCE's Engineer's Week





# Girl Day at Metropolitan - “Building Tomorrow Today”

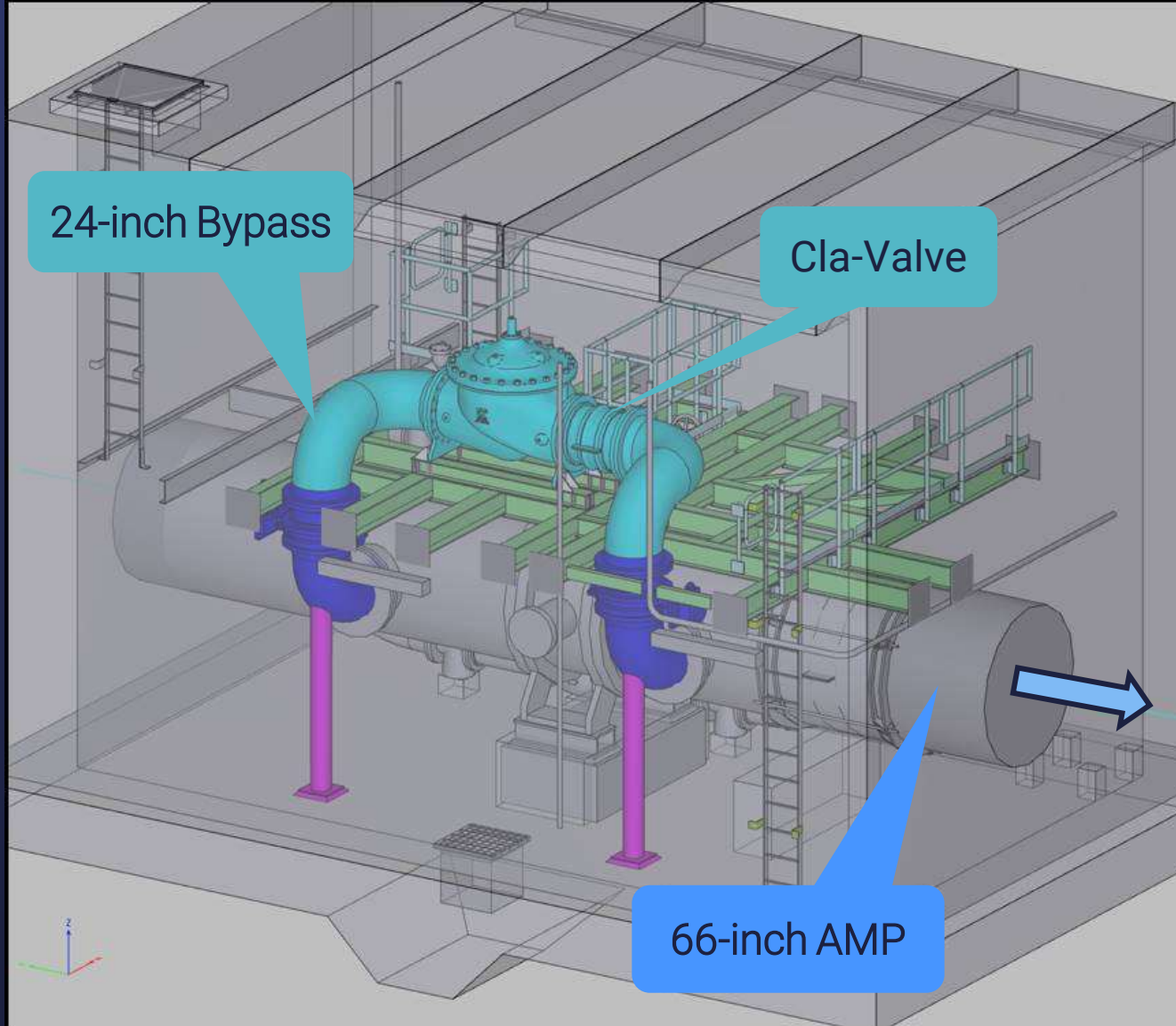


Metropolitan Speakers at Event



Attendees Gathering in Rotunda

# 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



24-inch Cla Valve  
installed in 66-inch valve vault near OC-88

All work performed by District Forces



# Colorado River Aqueduct Structural Protection Project

- Contract Award: April 2023
- Contract Amount: \$8.66M
- Anticipated Completion: January 2025
- Current Status: ±50% complete



Placement of concrete for protective slab above aqueduct



Conducting work in a manner that protects sensitive species

# Water System Operations



# Strategic Operations for Maximum Reliability

## 2024 Annual Operating Plan



- Review of operations and challenges overcome in 2023
- Plans for a full range of conditions in 2024
- Communicates expected future operations to member agencies and partners

# Managing through Shutdowns

## Current Operational Conditions



Colorado River Aqueduct

March 11, 2024

- 2024 SWP Allocation at 15%
- CRA at 0-pump flow with CRA shutdown underway
- Deliveries to DWCV at 0 cfs
- SWP blends are 100% at Weymouth and Diemer, and increasing from 20% at Skinner, to support Lake Mathews and CRA shutdowns
- February 2024 deliveries of 62 TAF were 1 TAF less than February 2023

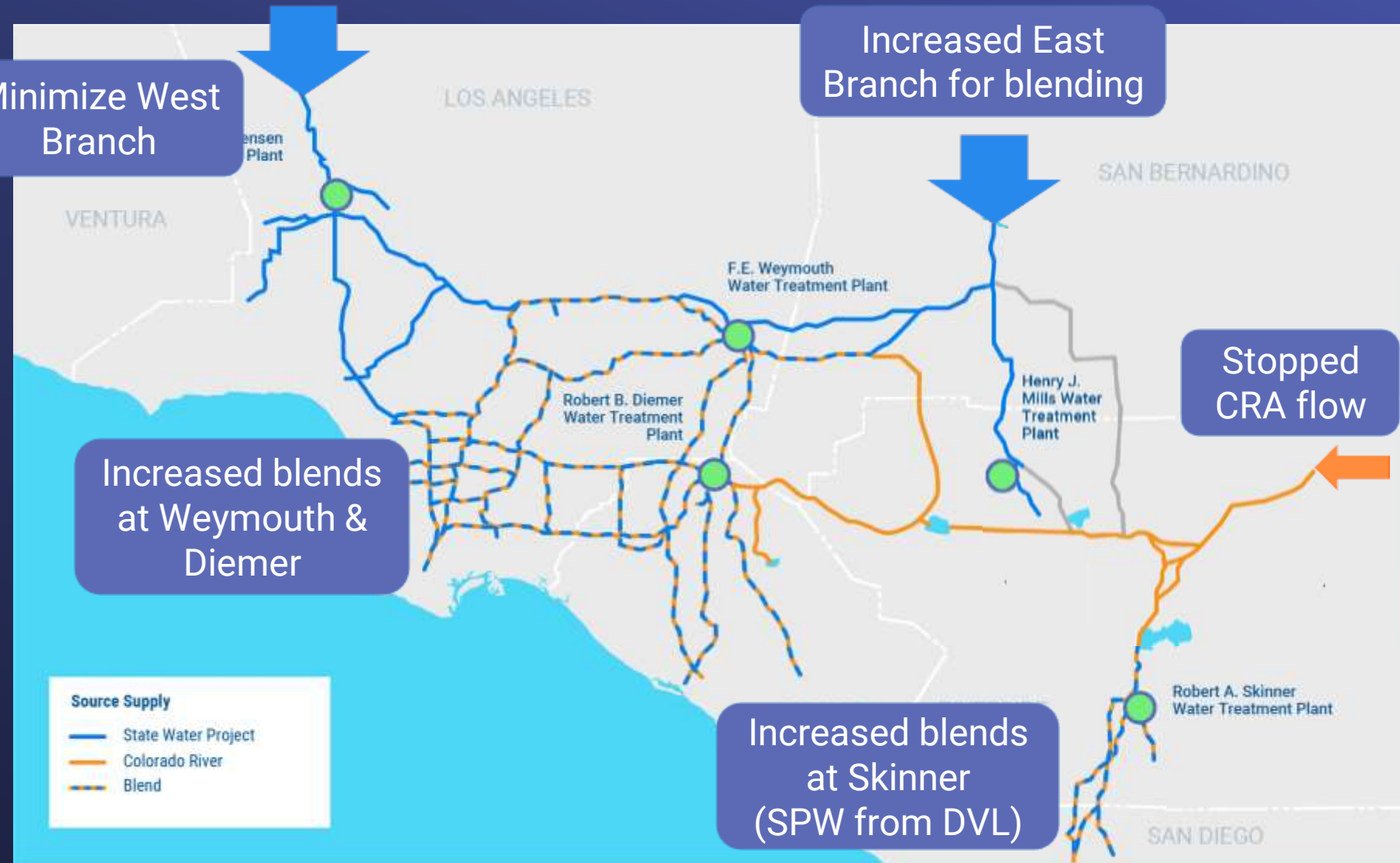


# Adapted Operations to Support Current Shutdowns

## March 2024 Operations

*Increased SWP Supplies for Lake Mathews Shutdown (March 12-13)*

*Dropped Pumps for CRA Shutdown (March 5-28)*



## Sepulveda Feeder

Rehabilitate PCCP via  
carbon fiber relining  
Mar. 18 – Apr. 10, 2024

## Santa Monica Feeder

Repair water quality  
sample line  
*Recently Completed*

Ensuring  
Continued  
System  
Reliability

## Upper Feeder (Treated)

Inspect San Gabriel Tower  
*Recently Completed*

## Colorado River Aqueduct

Perform CIP and O&M  
activities  
Mar. 5 – 28, 2024

## Second Lower Feeder

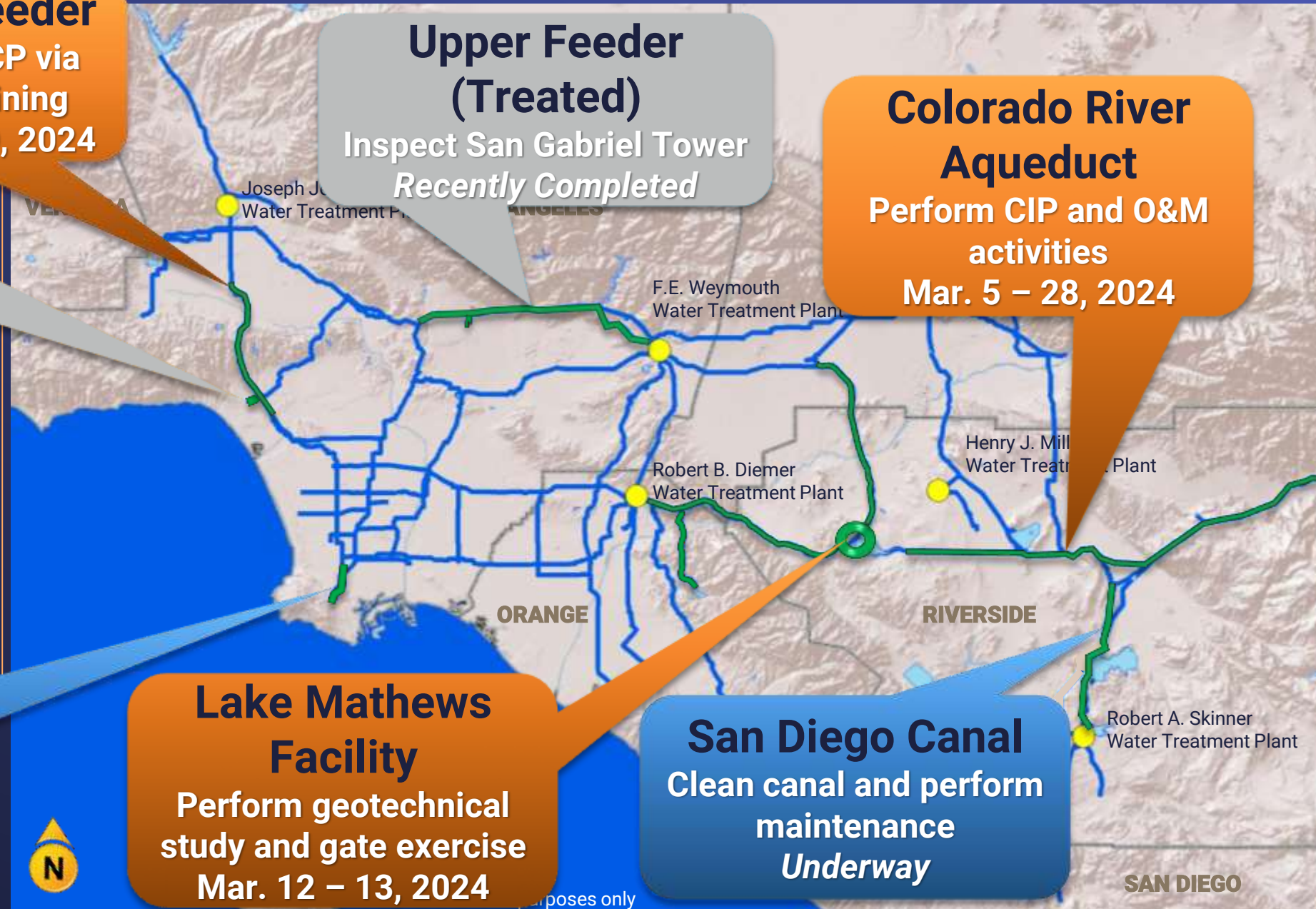
Rehabilitate PCCP  
*Underway*

## Lake Mathews Facility

Perform geotechnical  
study and gate exercise  
Mar. 12 – 13, 2024

## San Diego Canal

Clean canal and perform  
maintenance  
*Underway*





# Upper Feeder Shutdown



Crane Support – San Gabriel Tower



Inspection – San Gabriel Tower



View Up – San Gabriel Tower



# San Diego Canal Shutdown



Reinforced Steel Installation



Concrete Panel Installation



# Information Technology

No update for this period

