



Engineering, Operations, & Technology Committee

# Management Announcements and Highlights

Item 7a

May 13, 2024

# Engineering Services

# Metropolitan Support of Glen Canyon Dam Investigations



1/32<sup>nd</sup> Scale Tailrace Model



1/32<sup>nd</sup> Scale Outlet Works  
Cavitation Model



Metropolitan Staff in attendance (L to R)  
Kai Wang, John Shamma, Kevin Kearns, Bashar Sudah

Bureau of Reclamation Project Meeting  
April 30, 2024 – Denver Federal Center  
Lakewood, CO



# Wadsworth Pump Plant Bypass Shutdown Tie-in

## DVL to Rialto Pipeline Drought Resiliency Project





# Allen-McColloch (AMP) Pipeline PCCP Stage 1 Rehabilitation



Lowering new liner pipe  
into existing PCCP pipe



Welding new steel liner pipe



Concrete placement  
at new access location

**Urgent AMP Relining Activities  
April 2024**



# Water System Operations

# Minimizing State Water Project Supplies

## Current Operational Conditions



Lake Oroville at 96% Capacity  
(April 26, 2024)

- 2024 SWP Allocation at 40%
- CRA at 7-pump flow
- Deliveries to DWCV at 650 cfs
- Deliveries to CUP and Cyclic starting
- SWP blend targets are 0% at Weymouth, Diemer, and Skinner
- April 2024 deliveries of 77 TAF were similar to deliveries in April 2023

# Minimizing State Water Project Supplies

May 2024  
Operations

*Minimizing SWP supplies to  
meet storage goals*

*Increased SWP blends  
(~25%) anticipated in  
summer months*

Minimize  
West Branch

Minimize  
East Branch

DWR treatment  
of Silverwood  
(May 7)

CRA increased  
to 7 pumps

SWP blends at Weymouth  
& Diemer (0%)

SWP blends at  
Skinner (0%)





## Sepulveda Feeder

Rehabilitate PCCP via  
carbon fiber relining  
*Recently Completed*

# Ensuring Continued System Reliability

## Orange County Feeder

Decommission OC Reservoir  
and PCCP inspection  
*Completed Last Month*

## Second Lower Feeder

Rehabilitate PCCP  
*Recently Completed*

## West Valley Feeder No. 1

Support LADWP's valve  
replacement  
*Recently Completed*

## Colorado River Aqueduct

Perform CIP and O&M  
activities  
*Completed Last Month*

## Lake Skinner Outlet Conduit

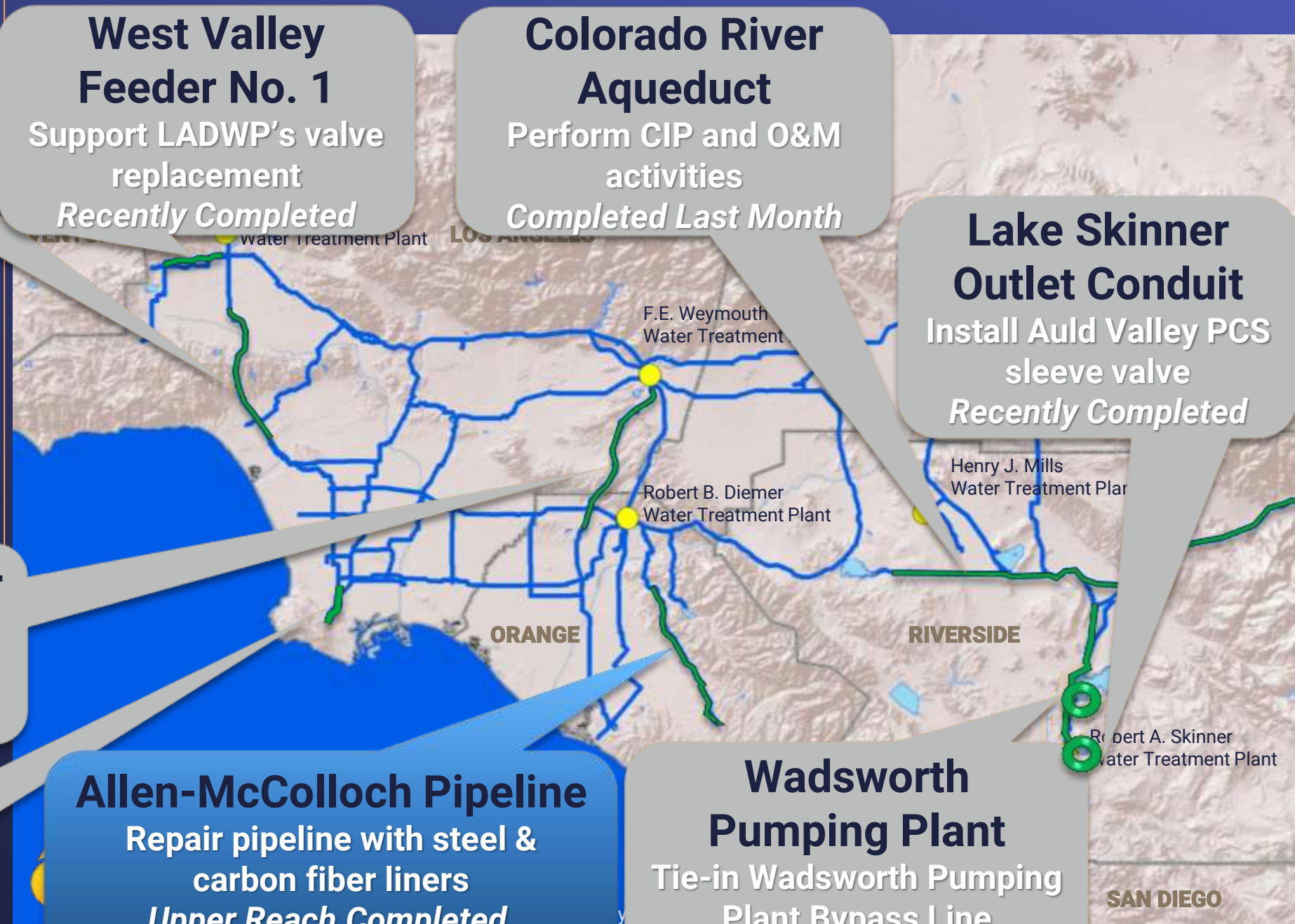
Install Auld Valley PCS  
sleeve valve  
*Recently Completed*

## Allen-McColloch Pipeline

Repair pipeline with steel &  
carbon fiber liners  
*Upper Reach Completed,  
Lower Reach Underway*

## Wadsworth Pumping Plant

Tie-in Wadsworth Pumping  
Plant Bypass Line  
*Recently Completed*





# Ensuring Continued System Reliability



Wadsworth PP Tee Installation



Allen-McColloch Pipeline Bulkhead



Sepulveda Feeder Carbon Fiber Lining



Second Lower Feeder Coating

## Recent Shutdowns

April 26, 2024

## Federal Maximum Contaminant Levels (MCLs)



# EPA Issues Final MCLs for Six PFAS

- PFOA & PFOS – 4 ng/L
  - PFHxS, PFNA, GenX – 10 ng/L
  - PFHxS, PFNA, GenX, PFBS combined using a Hazard Index of 1
- Routine monitoring starting 2027
- Compliance with PFAS MCLs required by 2029
- The six PFAS with MCLs have not been detected in Metropolitan's treated water
- Developing PFAS standards is a priority for California Division of Drinking Water



# PFOA & PFOS Listed as CERCLA Hazardous Substances

## PFAS and CERCLA



*CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act*

- Final rule published by EPA in Federal Register on May 8 and effective July 8, 2024
- Concurrent guidance indicates enforcement will focus on primary polluters
  - Manufacturers, federal facilities, and other industrial parties
  - Will not pursue community water systems or other passive receivers
- Water agencies working with Congress to develop CERCLA liability protections (H.R. 7944 and S. 1430)

April 17, 2024

## State Drinking Water Standards

OAL final regulation  
review by June 15, 2024



# California Finalizes MCL for Hexavalent Chromium

- MCL is 10 µg/L (effective October 1, 2024)
- Treatment technologies: ion exchange, reverse osmosis, and reduction-coagulation-filtration
- New MCL will not impact Metropolitan since concentrations in source and treated water are well below MCL
- Some member agencies may be impacted
  - Naturally occurring and industrial sources
  - Compliance costs may be a concern for some utilities

# Water Quality 50-Year Anniversary



Redesigned lobby at  
Water Quality Laboratory

- Metropolitan formed the Water Quality and Research Branch in 1974 in response to the Safe Drinking Water Act (passed December 16, 1974)
- Special Member Agency Water Quality Managers Meeting held April 18
- June EO&T Committee presentation- “Fifty Years of Water Quality”
- Additional events to commemorate 50-year anniversaries of Water Quality and SDWA planned for later in the year



# Desert Employee Appreciation Event

## Iron Mountain Pumping Plant – April 24, 2024



# Information Technology

No update for this period



