



Engineering, Operations, & Technology Committee

Engineering Services Manager's Report

Item 7b

September 11, 2023

Construction and Procurement Contracts July 2023

Construction and Procurement Contracts Through July 2023

Number of Active Contracts at end of month	61
Total Bid Amount of Contracts in Progress at end of month	\$613 M
Contracts Awarded in month	4
Contracts With Notice To Proceed Issued in month	5
Contracts Completed in month	0
Contract Gross Earnings in month	\$21.7 M

Whitewater Siphon Performance in Hurricane Hillary

- Over 15 inches of rainfall in watershed on August 20, 2023
- Estimated 5,000 cfs flowed across the siphon
 - YouTube video of storm flows:
[\(892\) INCREDIBLE HILARY DEBRIS FLOODS - Coachella Palm Springs Area - YouTube](#)
- Structure performed well
 - Upstream side berms breached - no damage to structure



2019 Storm Damage

September 11, 2023



INCREDIBLE HILARY DEBRIS FLOODS - Coachella Palm Springs Area

Video of 2023 storm flows

Engineering, Operations, & Technology Committee



2023 view of siphon post-storm event

Item # 7b Slide 3

Rescheduled CIP Projects - Impact on Planned CIP Expenditures

- CRA Housing and Village Utilities
 - Ensuring that housing and utilities reflect desert community needs
- Lakeview Pipeline Relining
 - Pipeline necessary to deliver DVL water to the Mills Plant during drought
 - Rehabilitation contract delayed due to unavailability of pipeline for a shutdown
- CRA Transformer Replacement
 - Procurement contract award delayed to solicit more manufacturer interest
- Right-of-Way and Infrastructure Protection Program
 - Delayed due to staff assignment to higher priority projects

Desalination Studies – Update

- State Guidelines for seawater desalination
 - State guidance document issued: July 12, 2023
 - Metropolitan provided comments: July 28, 2023
 - Expected timeline for final document: TBD
- Path forward on studies
 - Revised consultant's scope
 - Apply State criteria to So. California sites
 - Assess off-shore desalination technologies
 - Deemphasize focus on large seawater desalination plants
 - October 2023 informational item to EOT Committee
 - Anticipate November 2023 Board Action

2023 EOT Inspection Trip

- Revised Date:
 - Thursday - November 16, 2023
- Locations to be visited:
 - La Verne
 - Water Quality Laboratory
 - Weymouth Water Treatment Plant
 - La Verne Shops
 - Lake Mathews
 - Perris Valley Pipeline project



2022 Inspection Trip

Inland Empire Industry Day

- Date: September 14, 2023
- In-Person Event
- Location: Moreno Valley, CA



2022 Event at Carson, CA

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA
PRESENTS
METWORKS
CONTRACTING INFORMATION STRAIGHT FROM THE SOURCE

**INLAND EMPIRE INDUSTRY DAY:
IN-PERSON EVENT**

September 14, 2023
8 a.m. to 11:30 a.m.
Moreno Valley Conference &
Recreation Center
14075 Frederick Street
Moreno Valley, CA 92552

Learn About:

- Lake Mathews Pressure Control Structure and Bypass Project - \$150M Progressive Design Build Project
- Upcoming Metropolitan Contracting and Consulting Opportunities and Successful Contracting Testimonials

Highlight Upcoming Contracting Opportunities from Member Agencies:

- Inland Empire Utilities Agency
- Western Municipal Water District
- Eastern Municipal Water District

[Click here](#)
or scan the QR
code to register
for the event



For more
information on
METWORKS



Subcommittee Meeting on Pure Water Southern California and Regional Conveyance – September 26, 2023

- Draft Agenda for purposes of discussion under EOT Committee Item 8a
 - Drought Mitigation Actions Update
 - Regional E/W Conveyance Study
 - Integrated Regional Solutions
 - Pure Water Southern California Quarterly Update
 - Assessment of Reuse Alternatives for Pure Water Southern California
 - Discussion of CEQA process for Pure Water Southern California and Regional E/W Conveyance

