

**Metropolitan Domestic Water Improvement District  
Board of Directors Meeting**

**June 10, 2024**

**Monthly Status of the District – May 2024**

**Synopsis**

The purpose of this agenda item is to provide the Board with an update of the District's activities for the past month. This is not an action item but is meant to provide information to the Board and give a clearer picture of the District's activities.

**May 2024 Report**

**Water Usage/Quality**

Amount of Water Consumed in Metro Main

FY 2024 Year to Date – 2,032,795,900 gallons

FY 2023 Year to Date – 1,912,244,100 gallons

Amount of Water Consumed in Metro Hub

FY 2024 Year to Date – 223,990,900 gallons

FY 2023 Year to Date – 210,311,300 gallons

Amount of Water Consumed in Metro Southwest

FY 2024 Year to Date – 163,277,100 gallons

FY 2023 Year to Date – 160,495,000 gallons

Revenue Metered Sales Billed in May 2024 – Grand Total \$1,744,779.70

Metro Main – \$1,472,636.26

Metro Hub – \$145,792.53

Metro Southwest – \$126,350.91

Prior Year Revenue Metered Sales Billed in May 2023 – Grand Total \$1,619,930.06

Metro Main – \$1,366,341.15

Metro Hub – \$134,834.59

Metro Southwest – \$118,754.32

Water Quality Samples

84 Microbiological samples taken from the distribution system.

10 Microbiological samples taken from the District's active wells.

108 Lab/field test samples for VOCs, SOCs, IOCs, DBPs, Nitrate, 1,4-Dioxane, PFAS compounds, Arsenic, and other metals.

## **System Maintenance**

Noteworthy Maintenance Projects and Major Repairs in May 2024:

1. Replaced 16” suction valve on Magee La Cholla Boosters #1 & #2.
2. Repaired 8” PVC main that split on Shalako Place.
3. Made coating repairs to Diablo Village #1 Vessel #2 and reinstalled media.
4. Made repairs to Hub #3 Treatment Vessel #1 and installed regenerated media.
5. Electrical staff performed preventative maintenance and cleaning on electrical components.

Valves Exercised – 59

Meter Replacements – 9 – 5/8” meters; 1 – 1” meters  
Meters Tested – 0

New Meter Applications – 4 total  
    Metro Main – 4  
    Metro Hub – 0  
    Metro Southwest – 0

## **Customer Accounts**

Total Customers Billed – 22,196

New Accounts – 172

Delinquent Accounts – May 2024  
    Shut Off Notices Mailed – 979  
    Accounts Shut Off – 58

High Consumption Contacts – 157

Service Orders and On’s and Off Order Requests – Total performed: 324

Service Orders:  
    Metro Main – 15  
    Metro Hub – 2  
    Metro Southwest – 3  
Meter On’s and Off Order Requests  
    Metro Main – 245  
    Metro Hub – 18  
    Metro Southwest – 41

## **Water Sustainability Projects**

**2024 CAP Storage** –All of the District’s 8,460 acre-feet of ordered CAP water will be delivered in 2024 to groundwater savings facilities (GSF). As of the end of April, 2,486 acre-feet of the District’s order has been delivered to the CMID GSF.

The City of Phoenix ordered 7,200 acre-feet of CAP water to be delivered to AVRP in 2024. Deliveries of Phoenix’s water began on January 3, 2024. As of the end of April, 2,184 acre-feet of Phoenix’s order has been delivered to AVRP. Due to a steady reduction in infiltration rates at AVRP over the past 12 months, Phoenix and the District have agreed to reduce the 2024 annual delivery from 7,200 acre-feet to 5,000 acre-feet. Once the CAP canal shuts down in October, the recharge basins will be dried through the end of the calendar year. In January, all four basins will undergo a fine sediment removal project. Six to nine inches of material will be scrapped up and removed, followed by raking to restore infiltration rates.

**South Shannon Treatment System Reimbursements** – Since 2000, \$1,630,938.92 has been reimbursed by the Arizona Department of Environmental Quality (ADEQ). A new funding agreement with ADEQ for the Fiscal Year 2025 through 2028 has been executed. The new agreement is to cover the costs of operations, sampling, and GAC changeouts, hydrogen peroxide and other maintenance requirements of the South Shannon Treatment Advanced Oxidation Process (AOP) System. The invoice for May 2024 will be submitted in June 2024.

## **Capital Improvement Program & Other Major Projects**

**Northwest Recharge, Recovery, and Delivery System (NWRDRS) (Partnered portion)** The Construction Manager at Risk (CMAR) was authorized to proceed with GMP-01 through GMP-05. The remaining GMP-06 for the realigned portion of the transmission main is under design by District staff. The prime contractor, Borderland, began installation of the pipeline on May 31, 2024. An offer is pending for the TEP and Unisource easements. The cultural resources inventory and appraisal for the other two parcels are in process.

**NWRDRS (Metro-only portion)** Pipeline installation in phase 2 near Twin Peaks and Lambert Lane is complete. The contractor is working in phase 3 (Blue Bonnet and Linda Vista). Pipeline installation for Phase 4 is complete, pending connection to Herb Johnson Reservoir. Final closeout for phases 2 and 4 is in process.

**E&T22 Well Replacement** – The new well is operational. Minor punch-list items are being finalized by the contractor.

**Ironwood Well** – Staff is preparing a scope of work for the electrical design for the new well. The Ironwood well collector pipeline installation is complete. Final closeout is in process.

**Burton Drive** – Approximately 1/3 of the pipeline installation is complete. Once complete, the project will replace approximately 1,400 feet of 2” steel pipeline.

**Rose Marie Lane** – Staff is continuing with preliminary design activities. This project is anticipated to replace approximately 600 feet of 2” galvanized pipeline.

The Board should feel free to request any additional information that it would like to see on this report. Staff is prepared to discuss any questions that the Board may have regarding this report.

Respectfully Submitted,

Joseph Olsen, P.E.  
General Manager