

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

August 12, 2024

Monthly Status of the District – July 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.

July 2024 Report

Water Usage/Quality

Amount of Water Consumed in Metro Main

FY 2025 Year to Date – 212,949,300 gallons

FY 2024 Year to Date – 230,030,200 gallons

Amount of Water Consumed in Metro Hub

FY 2025 Year to Date – 22,368,300 gallons

FY 2024 Year to Date – 26,310,400 gallons

Amount of Water Consumed in Metro Southwest

FY 2025 Year to Date – 16,170,100 gallons

FY 2024 Year to Date – 16,199,900 gallons

Revenue Metered Sales Billed in July 2024 – Grand Total \$2,006,469.23

Metro Main – \$1,706,274.22

Metro Hub – \$161,622.84

Metro Southwest – \$138,572.17

Prior Year Revenue Metered Sales Billed in July 2023 – Grand Total \$2,038,653.97

Metro Main – \$1,735,267.57

Metro Hub – \$172,617.88

Metro Southwest – \$130,768.52

Water Quality Samples

87 Microbiological samples taken from the distribution system.

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

35 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 July 2024:

1. Staff assisted with the Burton Drive shutdown for the galvanized line abandonment.
2. The special inspection for the Alcott block wall occurred on August 6, 2024, and the District's contractor is addressing identified items.
3. The warehouse roof seal and recoat has been completed as part of the Fiscal Year 2025 Investments to Support the District Mission.
4. Staff has been working to replace 4,000-meter lids as part of the AMI project.
5. Staff has been removing trees and fixing damaged fences throughout the District from storm damage.

Valves Exercised – 160

Meter Replacements – 8 – 5/8" meters

Meters Tested – 0

New Meter Applications – 28 total

 Metro Main – 28

 Metro Hub – 0

 Metro Southwest – 0

Customer Accounts

Total Customers Billed – 22,213

New Accounts – 172

Delinquent Accounts – July 2024

 Initial Shut Off Notices – 794

 Final Shut Offs – 35

High Consumption Contacts – 125

Service Orders and On and Off Order Requests – Total performed: 279

 Service Orders:

 Metro Main – 10

 Metro Hub – 0

 Metro Southwest – 0

 Meter On and Off Order Requests

 Metro Main – 220

 Metro Hub – 14

 Metro Southwest – 35

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 June, 4,986 acre-feet of the District’s order has been delivered to the CMID and Kai Farms Red Rock GSFs.

The City of Phoenix’s revised order is for 5,000 acre-feet of CAP water to be delivered to AVRP in 2024. As of the end of June, 3,141 acre-feet of Phoenix’s order has been delivered to AVRP.

South Shannon Treatment System Reimbursements – Since 2000, \$1,681,095.58 has been reimbursed by the Arizona Department of Environmental Quality (ADEQ). In Fiscal Year 2024, the South Shannon treatment system pumped 112 million gallons and removed 11.66 pounds of VOCs from the aquifer. A GAC change out was performed on the treatment system in June. The well pump was pulled and maintenance work is anticipated to be completed by mid-August.

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. Staff received comments from the Partners for the proposed realignment and is proceeding with the next stage of design. Borderland continued installation of the pipeline along Avra Valley Road east of the Marana Regional Airport with two separate crews. The Establishment of Just Compensation for the easements within the TGI I-10 Land Partnership parcels was signed by the District and returned to Tierra Right-of-Way, and is pending adjustment based on a new legal description to accommodate the redesign.

NWRDRS (Metro-only portion) The contractor is working on Phase 3 along Linda Vista. The work is 90% complete.

Ironwood Well – Carollo Engineers was given notice to proceed on July 11, 2024 to begin electrical and security design work.

Burton Drive – The pipeline installation is complete. The project replaced approximately 1,400 feet of 2” steel pipeline.

Rose Marie Lane – Staff is continuing with preliminary design activities and is preparing documents for solicitation. 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