

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

September 9, 2024

Monthly Status of the District – August 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.

August 2024 Report

Water Usage/Quality

Amount of Water Consumed in Metro Main

FY 2025 Year to Date – 437,248,800 gallons

FY 2024 Year to Date – 464,639,800 gallons

Amount of Water Consumed in Metro Hub

FY 2025 Year to Date – 47,905,400 gallons

FY 2024 Year to Date – 53,379,800 gallons

Amount of Water Consumed in Metro Southwest

FY 2025 Year to Date – 32,990,300 gallons

FY 2024 Year to Date – 33,012,800 gallons

Revenue Metered Sales Billed in August 2024 – Grand Total \$2,095,604.76

Metro Main – \$1,772,308.29

Metro Hub – \$181,019.35

Metro Southwest – \$142,277.12

Prior Year Revenue Metered Sales Billed in August 2023 – Grand Total \$2,063,680.13

Metro Main – \$1,752,017.06

Metro Hub – \$177,996.21

Metro Southwest – \$133,666.86

Water Quality Samples

84 Microbiological samples taken from the distribution system.

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

60 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 August 2024:

1. E&T22 – the new diesel generator was wired and is fully operational.
2. Deconcini well – pulled and is awaiting brush and bail from Smyth.
3. Shannon well – installed the new power supply for the Advanced Oxidation Process and new flow meter. Currently flushing before placing the well back online.
4. Staff repaired an 8” main break at Nanini Drive and Oracle Road.
5. Staff installed regenerated media for arsenic treatment at Hub #3, removed exhausted media, and is prepping exhausted media to ship off to be regenerated.

Valves Exercised – 30

Meter Replacements – 4 – 5/8” meters
Meters Tested – 0

New Meter Applications – 11 total
Metro Main – 11
Metro Hub – 0
Metro Southwest – 0

Customer Accounts

Total Customers Billed – 22,239

New Accounts – 170

Delinquent Accounts – August 2024
Initial Shut Off Notices – 1,001
Final Shut Offs – 53

High Consumption Contacts – 143

Service Orders and On’s and Off Order Requests – Total performed: 280

Service Orders:
Metro Main – 8
Metro Hub – 1
Metro Southwest – 2
Meter On’s and Off Order Requests
Metro Main – 225
Metro Hub – 9
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 July, 6,560 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 July, 3,634 acre-feet of Phoenix’s order has been delivered to AVRP.

South Shannon Treatment System Reimbursements – Since 2000, \$1,683,680.42 has been reimbursed by the Arizona Department of Environmental Quality (ADEQ). The well will be fully operational and the full treatment system will be pumping water to the system in September.

Capital Improvement Program & Other Major Projects

Northwest Recharge, Recovery, and Delivery System (NWRRDS) (Partnered portion) Borderland continued installation of the transmission main along Avra Valley Road east of the Marana Regional Airport with two separate crews. Borderland also began construction of the well collector pipeline. Acquisition of easements to accommodate the realignment portion of the transmission main within the TGI I-10 Land Partnership parcels is pending acceptance by the land owner.

NWRRDS (Metro-only portion) Granite completed the pipeline installation and is finalizing the tie-in at the Herb Johnson Reservoir.

Ironwood Well – Staff is continuing with the well equipping civil design work. Carollo’s electrical and security design is ongoing with input from staff.

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 they 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