

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

July 8, 2024

Monthly Status of the District – June 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.

June 2024 Report

Water Usage/Quality

Amount of Water Consumed in Metro Main

FY 2024 Year to Date – 2,240,937,300 gallons

FY 2023 Year to Date – 2,134,336,400 gallons

Amount of Water Consumed in Metro Hub

FY 2024 Year to Date – 251,277,200 gallons

FY 2023 Year to Date – 238,155,000 gallons

Amount of Water Consumed in Metro Southwest

FY 2024 Year to Date – 180,217,600 gallons

FY 2023 Year to Date – 178,029,700 gallons

Revenue Metered Sales Billed in June 2024 – Grand Total \$1,883,024.28

Metro Main – \$1,569,464.42

Metro Hub – \$179,580.98

Metro Southwest – \$133,978.88

Prior Year Revenue Metered Sales Billed in June 2023 – Grand Total \$1,871,090.84

Metro Main – \$1,569,178.62

Metro Hub – \$173,623.83

Metro Southwest – \$128,288.39

Water Quality Samples

84 Microbiological samples taken from the distribution system.

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

66 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 June 2024:

1. Started the Alcott Block Wall Project on June 27, 2024.
2. Removed approximately 70' of driveway and replaced with pea gravel after damage from a mainline repair.
3. Pulled the Shannon well for maintenance and completed the granular activated carbon changeout.
4. Installed the liner at Hub #5.
5. Replaced 85' of 2" galvanized line at Casas Media.

Valves Exercised – 40

Meter Replacements – 8 – 5/8" meters and 22 – 5/8" meters in Southwest
Meters Tested – 0

New Meter Applications – 18 total
Metro Main – 17
Metro Hub – 0
Metro Southwest – 1

Customer Accounts

Total Customers Billed – 22,208

New Accounts – 168

Delinquent Accounts – June 2024
Initial Shut Off Notices – 478
Final Shut Offs – 41

High Consumption Contacts – 157

Service Orders and On's and Off Order Requests – Total performed: 286

Service Orders:
Metro Main – 15
Metro Hub – 1
Metro Southwest – 9
Meter On's and Off Order Requests
Metro Main – 214
Metro Hub – 15
Metro Southwest – 32

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 May, 3,986 acre-feet of the District’s order has been delivered to the CMID and Kai Red Rock GSFs. The City of Phoenix revised order for 5,000 acre-feet of CAP water is to be delivered to AVRVP in 2024 due to declining recharge rates of AVRVP. Maintenance is planned next calendar year to restore infiltration rates. As of the end of May, 2,644 acre-feet of Phoenix’s order has been delivered to AVRVP.

South Shannon Treatment System Reimbursements – Since 2000, \$1,636,728.28 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. A GAC change out was performed on the treatment system in June. The well pump was pulled and well maintenance work is progressing with brush and bail treatment extending into July. The invoice for June 2024 will be submitted in July 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. Staff received comments for the proposed realignment on June 26, 2024 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. On June 21, 2024, the assigned Judge ordered immediate possession of the TEP and Unisource easements upon deposit of the cash bond. The bond was posted on June 25, 2024. The draft appraisal for the other two parcels was received and reviewed by staff on June 26, 2024. The cultural resources inventory for those parcels is in process.

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

Ironwood Well – Staff requested a schedule and cost proposal for electrical and security design from the District’s miscellaneous design consultant which was received June 19, 2024. Staff will prepare a notice to proceed pending approval by the Board at their July 8, 2024 meeting. The Ironwood well collector pipeline installation is complete. Final closeout is in process.

Burton Drive – The pipeline installation is complete with the exception of the final tie-ins to the District’s system and the service tie-overs. Once complete, the project will replace 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