

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

**October 12, 2022**

**Monthly Status of the District – September 2022**

**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.

**September 2022 Report**

**Water Usage/Quality**

Amount of Water Consumed in Metro Main

FY 2023 Year to Date – 621,650,700 gallons

FY 2022 Year to Date – 606,950,800 gallons

Amount of Water Consumed in Metro Hub

FY 2023 Year to Date – 71,630,100 gallons

FY 2022 Year to Date – 67,561,600 gallons

Amount of Water Consumed in Metro Southwest

FY 2023 Year to Date – 48,651,200 gallons

FY 2022 Year to Date – 43,810,500 gallons

Revenue Metered Sales Billed in September 2022 – Grand Total \$1,771,994.22

Metro Main – \$1,485,923.76

Metro Hub – \$160,911.69

Metro Southwest – \$125,158.77

Prior Revenue Metered Sales Billed in September 2021 – Grand Total \$1,712,892.12

Metro Main – \$1,460,089.12

Metro Hub – \$141,906.77

Metro Southwest – \$110,896.23

Water Quality Samples

84 Microbiological samples taken from the distribution system.

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

74 Lab/field test samples for VOCs, IOC's, DBP's, Metals, Nitrate, 1,4-dioxane, Perfluorinated Chemicals, Hexavalent Chromium, and Arsenic.

## **System Maintenance**

Noteworthy Maintenance Projects and Major Repairs in September 2022:

1. Pulled the Meredith well for maintenance.
2. Pulled and reinstalled Hub 3 well due to loose electrical connection.
3. Replaced failed check valve on Booster 3 at Diablo Village #2.
4. Completed security upgrades at Herb Johnson and Shannon facilities.
5. Relocated three service lines in E&T for better access by staff.

Valves Exercised – 111

Meter Replacements – 62 – 5/8” meters; 1 – 1” meters; 2 – 1½” meters  
Meters Tested – 0

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

## **Customer Accounts**

Total Customers Billed – 22,129

New Accounts – 187

Delinquent Accounts – September 2022  
Initial Shut Off Notices – 1,150  
Final Shut Offs – 130

High Consumption Contacts – 151

Service Orders & Work Orders and On's and Off Order Requests – Total performed: 237  
Service Orders (generated from customers calling in with a problem) & Work Orders  
(generated by staff when a need to perform additional work is recognized):  
Metro Main – 12  
Metro Hub – 4  
Metro Southwest – 20  
Meter On's and Off Order Requests  
Metro Main – 135  
Metro Hub – 3  
Metro Southwest – 63

## **Water Sustainability Projects**

**2021 CAP Storage** – The District has ordered 9,960 acre-feet of its allocation to be delivered to groundwater savings facility (GSF) partners in 2022 with the remaining 3,500 acre-feet of the District’s allocation delivered to CAP for use in the 500 Plus Plan as additional system conservation beyond what the DCP requires of the state. As of August 31, 2022, all of the District’s CAP order has been delivered to GSF partners.

The City of Phoenix has ordered 3,500 acre-feet of CAP water to be delivered to AVRVP in 2022. Deliveries of Phoenix water began at AVRVP in June after facility improvements were completed. A total of 2,123 acre-feet of Phoenix’s water was delivered at the end of August. It is anticipated that all of Phoenix’s 3,500 acre-feet will be delivered before the CAP canal shutdown scheduled for mid-October.

**South Shannon Treatment System Reimbursements** – Since 2000, \$1,502,814.31 has been reimbursed by the Arizona Department of Environmental Quality (ADEQ). For Fiscal Year 2023, ADEQ has a budget of \$63,071 for operations and sampling, and \$44,558 for two GAC changeouts of the South Shannon Treatment System. The invoice for September 2022 will be submitted in mid-October. The installation of the designed Advanced Oxidation Process system will hopefully occur during Fiscal Year 2023. This will allow the operation of the South Shannon well at full capacity, and capture/treat the contaminant plume more efficiently.

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

### **NWRRDS (Metro-only portion)**

The consultant is finalizing the report and plan for the Landscape and Native Plant Mitigation Plan to satisfy a requirement by Pima County.

**E&T22 Well Replacement** – Land acquisition activities are ongoing. Currently waiting for HUD approval of the release of the reverse mortgage. A schedule and cost proposal was requested from well drilling contractors via the City of Tucson Job Order Contract. Proposals are due November 7, 2022.

**Ironwood Well** – Land acquisition activities are ongoing. Staff is reviewing the closing documents. A schedule and cost proposal was requested from well drilling contractors via the City of Tucson Job Order Contract. Proposals are due November 7, 2022.

**New Linda Vista Well Deepening** – A schedule and cost proposal was requested from well drilling contractors via the City of Tucson Job Order Contract. Proposals are due November 7, 2022.

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

Respectfully Submitted,

Joseph Olsen, P.E.  
General Manager