

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

August 15, 2022

Monthly Status of the District – July 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.

July 2022 Report

Water Usage/Quality

Amount of Water Consumed in Metro Main

FY 2023 Year to Date – 216,942,200 gallons

FY 2022 Year to Date – 228,743,500 gallons

Amount of Water Consumed in Metro Hub

FY 2023 Year to Date – 25,072,300 gallons

FY 2022 Year to Date – 26,389,000 gallons

Amount of Water Consumed in Metro Southwest

FY 2023 Year to Date – 16,926,400 gallons

FY 2022 Year to Date – 17,726,300 gallons

Revenue Metered Sales Billed in July 2022 – Grand Total \$1,834,171.08

Metro Main – \$1,549,926.23

Metro Hub – \$156,826.89

Metro Southwest – \$127,417.96

Prior Year Revenue Metered Sales Billed in July 2021 – Grand Total \$1,904,551.13

Metro Main – \$1,607,075.69

Metro Hub – \$166,537.15

Metro Southwest – \$130,938.29

Water Quality Samples

87 Microbiological samples taken from the distribution system.

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

106 Lab/field test samples for VOCs, IOCs, DBPs, Nitrate, 1,4-Dioxane, Perfluorinated Chemicals, Lead and Copper, and Arsenic.

System Maintenance

Noteworthy Maintenance Projects and Major Repairs in July 2022:

1. Fabricated the Hub 3 well discharge piping.
2. Replaced wood siding with metal panels on the Lazy B treatment building.
3. Repaired three service line leaks and two valve leaks.
4. Continued site security improvements and planning.
5. Continued the fixed network upgrade and meter replacements.

Valves Exercised – 101

Meter Replacements – 36 – 5/8” meters; 1 – ¾” meters
Meters Tested – 24

New Meter Applications – 5 total
Metro Main – 5
Metro Hub – 0
Metro Southwest – 0

Customer Accounts

Total Customers Billed – 22,105

New Accounts – 223

Delinquent Accounts – July 2022
Initial Shut Off Notices – 829
Final Shut Offs – 152

High Consumption Contacts – 239

Service Orders & Work Orders and On’s and Off Order Requests – Total performed: 193
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 – 15
Metro Hub – 5
Metro Southwest – 16
Meter On’s and Off Order Requests
Metro Main – 104
Metro Hub – 6
Metro Southwest – 47

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 June 30, 2022 a total of 7,227 acre-feet 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 AVRP in 2022. Deliveries of Phoenix water began at AVRP in June after facility improvements were completed. A total of 830 acre-feet of Phoenix’s water was delivered in June and July.

South Shannon Treatment System Reimbursements – Since 2000, \$1,494,169.04 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 July 2022 will be submitted in mid-August. ADEQ’s consultant has completed the design for an Advanced Oxidation Process (AOP) treatment system to treat 1,4-dioxane, TCE and other organic contaminants. It is hoped that installation of the AOP system will 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

Northwest Recharge, Recovery, and Delivery System (NWRRDS)

Staff and the District’s consultant are exploring potential construction cost savings measures based on input from contractors.

NWRRDS (Metro-only portion)

Work is continuing on the Landscape and Native Plant Mitigation Plan to satisfy a requirement by Pima County.

E&T22 Well Replacement – Land acquisition activities are ongoing.

Ironwood Well Site Acquisition – Land acquisition activities are ongoing. Marana Unified School District Board will consider the item at their August 11, 2022 meeting.

AVRP Upgrades – Construction is complete and operation of the new improvements commenced on June 27, 2022. Project closeout is in progress.

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