

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

March 13, 2023

Monthly Status of the District – February 2023

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.

February 2023 Report

Water Usage/Quality

Amount of Water Consumed in Metro Main

FY 2023 Year to Date – 1,430,279,000 gallons

FY 2022 Year to Date – 1,470,811,800 gallons

Amount of Water Consumed in Metro Hub

FY 2023 Year to Date – 157,001,800 gallons

FY 2022 Year to Date – 161,159,200 gallons

Amount of Water Consumed in Metro Southwest

FY 2023 Year to Date – 117,656,600 gallons

FY 2022 Year to Date – 110,426,400 gallons

Revenue Metered Sales Billed in February 2023 – Grand Total \$1,393,460.53

Metro Main – \$1,179,612.96

Metro Hub – \$102,973.36

Metro Southwest – \$110,874.21

Prior Year Revenue Metered Sales Billed in February 2022 – Grand Total \$1,429,306.10

Metro Main – \$1,210,874.00

Metro Hub – \$105,748.30

Metro Southwest – \$112,683.80

Water Quality Samples

84 Microbiological samples taken from the distribution system.

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

86 Lab/field test samples for VOCs, Nitrate, 1,4-Dioxane, Perfluorinated Chemicals, and Arsenic.

System Maintenance

Noteworthy Maintenance Projects and Major Repairs in February 2023:

1. ADEQ completed sanitary survey at Hub, Diablo Village, and Lazy B.
2. Completed annual meter testing for meters 3” and larger.
3. Repaired three mainline leaks.
4. Repaired four service line saddles.
5. Electrical Projects in Progress: AVRVP power upgrades, E&T 23 SCADA, and Diablo Village #1 VFD upgrades.

Valves Exercised – 40

Meter Replacements – 21 – 5/8” meters; 2 – 1” meters

Meters Tested – 12

New Meter Applications – 6 total

Metro Main – 6

Metro Hub – 0

Metro Southwest – 0

Customer Accounts

Total Customers Billed – 22,123

New Accounts – 171

Delinquent Accounts – February 2023

Initial Shut Off Notices – 1,022

Final Shut Offs – 55

High Consumption Contacts – 68

Service Orders and On’s and Off Order Requests – Total performed: 93

Service Orders:

Metro Main – 7

Metro Hub – 10

Metro Southwest – 21

Meter On’s and Off Order Requests

Metro Main – 40

Metro Hub – 0

Metro Southwest – 15

Water Sustainability Projects

2023 CAP Storage – The District has offered to participate in the US Bureau of Reclamation’s Lower Colorado River Conservation and Efficiency Program, with 5,000 acre-feet of CAP water for 2023-2025. Compensation for this volume of water at \$400 per acre-foot results in \$2 million of annual revenue. This volume of CAP will not be delivered to the District, but will become part of the necessary conservation needed to stabilize Lake Mead and Lake Powell. This volume does not represent a reduction in the District’s allocation in future years. The remaining 8,460 acre-feet of the District’s CAP allocation will be delivered to Groundwater Savings Facilities in 2023.

The City of Phoenix has ordered 7,200 acre-feet of CAP water to be delivered to AVRP in 2023. Deliveries of Phoenix water began at AVRP on March 2, 2023 and are anticipated to be completed by the end of November 2023.

South Shannon Treatment System Reimbursements – Since 2000, \$1,525,264.69 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 February 2023 will be submitted in mid-March. The installation of the designed Advanced Oxidation Process (AOP) system is expected to begin 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. Discussions have started with ADEQ regarding a revised O&M reimbursement intergovernmental agreement to cover the costs associated with operation of the new AOP system.

Capital Improvement Program & Other Major Projects

Northwest Recharge, Recovery, and Delivery System (NWRRDS) (Partnered portion) The Partners met on February 2 and 16, 2023 to discuss the next steps forward. An additional meeting will be held March 2, 2023 to continue the discussion.

NWRRDS (Metro-only portion)

The District’s consultant submitted the final Landscape and Native Plant Mitigation Plan and staff has completed its review. Staff is now preparing all phases of the project for submission to Pima County and the Town of Marana for final review and approval.

E&T22 Well Replacement – Legal counsel is proceeding with land acquisition activities. An update to the appraisal is expected to commence in March. The District’s contractor completed the pilot hole drilling and three zonal sampling events as of March 8, 2023. Water quality results for the zonal samples are being analyzed and will factor into the final well design.

Ironwood Well – The environmental information document was submitted to WIFA on February 28, 2023. WIFA staff concluded that the project qualifies for a Finding of No Significant Impact (FONSI) as it neither individually nor cumulatively has a significant

effect on the human environment. WIFA has prepared the public notice and will initiate publication for the 30-day public review period. District staff will solicit a proposal to complete the field evaluation noted in the response from Arizona Game and Fish Department (Sonoran desert tortoise, pygmy owl, and monarch butterfly). District staff will also solicit a proposal from a City of Tucson job order contractor for clearing and grubbing. The District's well drilling contractor anticipates drilling activities to begin in late May of 2023.

New Linda Vista Well Deepening – The District's contractor anticipates starting mobilization and drilling activities in late March 2023.

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