

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

February 13, 2023

Monthly Status of the District – January 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.

January 2023 Report

Water Usage/Quality

Amount of Water Consumed in Metro Main

FY 2023 Year to Date – 1,282,381,400 gallons

FY 2022 Year to Date – 1,316,892,700 gallons

Amount of Water Consumed in Metro Hub

FY 2023 Year to Date – 141,547,300 gallons

FY 2022 Year to Date – 145,190,200 gallons

Amount of Water Consumed in Metro Southwest

FY 2023 Year to Date – 104,098,400 gallons

FY 2022 Year to Date – 97,352,400 gallons

Revenue Metered Sales Billed in January 2023 – Grand Total \$1,357,862.41

Metro Main – \$1,143,074.49

Metro Hub – \$102,732.85

Metro Southwest – \$112,055.07

Prior Year Revenue Metered Sales Billed in January 2022 – Grand Total \$1,396,596.69

Metro Main – \$1,188,152.77

Metro Hub – \$99,755.10

Metro Southwest – \$108,688.82

Water Quality Samples

84 Microbiological samples taken from the distribution system.

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

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

System Maintenance

Noteworthy Maintenance Projects and Major Repairs in January 2023:

1. Inspected and cleaned Moore and New Linda Vista storage tanks.
2. Repaired 6" main on Oracle Road.
3. Relocated Herb Johnson pressure tree to inside building.
4. Pulled Hub 5 and Lazy B wells for maintenance.
5. Repaired four additional service and mainline leaks.

Valves Exercised – 44

Meter Replacements – 112 – 5/8" meters; 4 – 3/4" meters; 3 – 1 1/2" meters
Meters Tested – 10

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

Customer Accounts

Total Customers Billed – 22,072

New Accounts – 155

Delinquent Accounts – January 2023
Initial Shut Off Notices – 1,022
Final Shut Offs – 115

High Consumption Contacts – 117

Service Orders and On's and Off Order Requests – Total performed: 158
Service Orders:
Metro Main – 7
Metro Hub – 4
Metro Southwest – 10
Meter On's and Off Order Requests
Metro Main – 94
Metro Hub – 2
Metro Southwest – 41

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 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 GSF partners 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 will begin at AVRP in March and are anticipated to be complete by the end of November 2023.

South Shannon Treatment System Reimbursements – Since 2000, \$1,519,899.62 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 December 2022 and January 2023 will be submitted in mid-February. The installation of the designed Advanced Oxidation Process system is expected to occur during Fiscal Years 2023 and 2024. 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 (NWRDRS) (Partnered portion) Implementation of potential construction cost savings, along with the associated design costs, is being reviewed by the project Partners. Consideration of the realignment at the Avra Valley / I-10 crossing, due to a recent abandonment by Pima County of a portion of the right-of-way, is also included in the proposed design revision. The Partners have scheduled a meeting on February 16, 2023 to determine the next steps forward.

NWRDRS (Metro-only portion)

Completion of the Landscape and Native Plant Mitigation Plan is expected by mid-February, at which time the Metro-only transmission main plans will be resubmitted to Pima County for review. Staff is preparing to bid the portion of the project between Twin Peaks and the Ironwood Well connection point once Pima County approval is received.

E&T22 Well Replacement – Land acquisition activities are ongoing. The District’s contractor mobilized the drill rig to the site on February 2, 2023 and began drilling activities on February 10, 2023. Sound panels were installed around the site in late January. WIFA and their agent, the Central Arizona Governments (CAG), plan to visit the site on February 14, 2023.

Ironwood Well – The District’s contractor anticipates drilling activities to begin in March of 2023. The draft environmental information document was submitted to agencies for review on January 18, 2023. Agencies have 30 days to complete their review. Following the agency review period, the document is subject to a subsequent 30-day public review prior to commencing site activities.

New Linda Vista Well Deepening – The District’s contractor anticipates starting mobilization and drilling activities in early 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