

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

April 10, 2023

Monthly Status of the District – March 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.

March 2023 Report

Water Usage/Quality

Amount of Water Consumed in Metro Main

FY 2023 Year to Date – 1,560,845,400 gallons

FY 2022 Year to Date – 1,630,524,600 gallons

Amount of Water Consumed in Metro Hub

FY 2023 Year to Date – 169,638,100 gallons

FY 2022 Year to Date – 179,342,000 gallons

Amount of Water Consumed in Metro Southwest

FY 2023 Year to Date – 130,084,400 gallons

FY 2022 Year to Date – 122,886,700 gallons

Revenue Metered Sales Billed in March 2023 – Grand Total \$1,299,148.91

Metro Main – \$1,100,895.37

Metro Hub – \$90,816.74

Metro Southwest – \$107,436.80

Prior Year Revenue Metered Sales Billed in March 2022 – Grand Total \$1,489,632.21

Metro Main – \$1,263,300.98

Metro Hub – \$117,091.94

Metro Southwest – \$109,239.29

Water Quality Samples

84 Microbiological samples taken from the distribution system.

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

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

System Maintenance

Noteworthy Maintenance Projects and Major Repairs in March 2023:

1. Repaired 160' of 6" water line on Las Lomitas.
2. Replaced main breaker at E&T 23.
3. Replaced well flow meters at Marlene and Alcott.
4. Completed new Linda Vista storage tank repairs, disinfected, sampled.
5. Pulled new Linda Vista well for well deepening work.

Valves Exercised – 60

Meter Replacements – 74 – 5/8" meters; 3 – 3/4" meters; 11 – 1" meters; 1 – 2" meters
Meters Tested – 6

New Meter Applications – 9 total
Metro Main – 9
Metro Hub – 0
Metro Southwest – 0

Customer Accounts

Total Customers Billed – 22,113

New Accounts – 169

Delinquent Accounts – March 2023
Initial Shut Off Notices – 1,070
Final Shut Offs – 63

High Consumption Contacts – 46

Service Orders and On's and Off Order Requests – Total performed: 319

Service Orders:
Metro Main – 3
Metro Hub – 3
Metro Southwest – 2
Meter On's and Off Order Requests
Metro Main – 259
Metro Hub – 5
Metro Southwest – 47

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, \$1,528,465.19 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 March 2023 will be submitted in mid-April. 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 March 2 and 13, 2023 to discuss the next steps forward. The Partners agreed that utilizing Construction Manager at Risk (CMAR) type procurement may be the best avenue. Staff is compiling a solicitation for review by the Partners and their respective procurement departments.

NWRRDS (Metro-only portion) Staff is currently waiting on additional environmental surveys and reports from the consultant prior to submitting plans to Pima County and Marana for approval.

E&T22 Well Replacement – Legal counsel is proceeding with land acquisition activities. The District’s contractor completed swab and airlift activities for the new well. Drilling equipment has been mobilized off the site. A pump equipping rig will install a pump for the pump-and-surge development and the final step test.

Ironwood Well – The 30-day public review period for the environmental information document has been completed. District staff awarded a task order to the on-call engineering services contract to complete the field evaluation for the Sonoran desert tortoise, pygmy

owl, and monarch butterfly. Native plant salvage is anticipated to begin April 8, 2023. District staff solicited proposals from City of Tucson job order contractors for clearing and grubbing and the Board will be asked to consider a recommendation for award at the April 10, 2023 meeting. The District's well drilling contractor anticipates drilling activities to begin in late May of 2023.

New Linda Vista Well Deepening – District staff pulled the existing well in preparation for drilling activities. The District's contractor anticipates starting mobilization and drilling activities in early April 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