

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

May 9, 2022

Monthly Status of the District – April 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.

April 2022 Report

Water Usage/Quality

Amount of Water Consumed in Metro Main

FY 2022 Year to Date – 1,806,427,800 gallons

FY 2021 Year to Date – 1,997,567,400 gallons

Amount of Water Consumed in Metro Hub

FY 2022 Year to Date – 201,021,400 gallons

FY 2021 Year to Date – 238,316,000 gallons

Amount of Water Consumed in Metro Southwest

FY 2022 Year to Date – 138,620,500 gallons

FY 2021 Year to Date – 143,275,400 gallons

Revenue Metered Sales Billed in April 2022 – Grand Total \$1,540,622.21

Metro Main – \$1,287,337.36

Metro Hub – \$134,862.26

Metro Southwest – \$118,422.59

Prior Year Revenue Metered Sales Billed in April 2021 – Grand Total \$1,592,333.03

Metro Main – \$1,328,715.39

Metro Hub – \$153,979.76

Metro Southwest – \$109,637.88

Water Quality Samples

84 Microbiological samples taken from the distribution system.

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

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

System Maintenance

Noteworthy Maintenance Projects and Major Repairs in April 2022:

1. Completed 20,000 pound GAC change out at Shannon.
2. Completed site painting at Diablo Village #2 and E&T22.
3. Completed security upgrades at Diablo Village #2 and Hub #4.
4. Continuing to locate and raise valves on the reclaim line and other preparations for use.
5. Performed two service line repairs in Metro Main.

Valves Exercised – 29

Meter Replacements – 2 – 5/8” meters
Meters Tested – 0

New Meter Applications – 5 total
Metro Main – 4
Metro Hub – 1
Metro Southwest – 0

Customer Accounts

Total Customers Billed – 22,088

New Accounts – 256

Delinquent Accounts – April 2022
Initial Shut Off Notices – 786
Final Shut Offs – 108

High Consumption Contacts – 283

Service Orders & Work Orders and On's and Off Order Requests – Total performed: 126

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 – 9
Metro Hub – 2
Metro Southwest – 7

Meter On's and Off Order Requests

Metro Main – 85
Metro Hub – 3
Metro Southwest – 20

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. The District will be compensated at a rate of \$260.61 per acre-foot, which totals \$912,135.00. The City of Phoenix has ordered 3,500 acre-feet of CAP water to be delivered to AVRP in 2022. Deliveries could begin this June after planned improvements are completed to the delivery and metering infrastructure.

South Shannon Treatment System Reimbursements – Since 2000, \$1,449,761.19 has been reimbursed by the Arizona Department of Environmental Quality (ADEQ). For Fiscal Year 2022, ADEQ has a budget of \$61,234 for operations and sampling, and \$43,260 for two GAC changeouts of the South Shannon Treatment System. A GAC change out was completed in April 2022. The invoice for April 2022 will be submitted in mid-May.

Capital Improvement Program & Other Major Projects

Northwest Recharge, Recovery, and Delivery System (NWRDRS)

Staff and the District’s consultants continue finalizing efforts to obtain the various permits and authorizations required for close-out of the design phase.

Bids were received on April 14, 2022 for the recovery well equipping/collector pipeline, the transmission main, and forebay. The lowest bid was submitted by Granite Construction for the combined project amount of \$41,195,044. The bid exceeded the Engineers Estimate by 20%.

Interested parties on the plan holders list, including Granite, were contacted to request explanation of high bids. Those responding indicated lack of labor workforce and high material prices.

Staff held discussions with the partners on April 20 and 27, 2022. As a result of these discussions, the partners decided to pause construction until the bidding climate improves.

NWRDRS (Metro-only portion)

Staff has submitted the response to Pima County’s review comments. Staff is finalizing the contract for a Landscape and Native Plant Mitigation plan as required by Pima County. Staff is finalizing the bid notice and contract documents for the transmission main.

E&T22 Well Replacement – Land acquisition activities are ongoing. Final specifications for the well drilling and construction are being completed in preparation for the bidding process.

Ironwood Well Site Acquisition – Land acquisition activities are ongoing. Final specifications for the well drilling and construction are near completion and will be ready for the bidding process.

New Linda Vista Well Deepening – Specifications are being prepared for deepening and lining the New Linda Vista Well with a 12-inch casing and screen. The well is currently ~600 feet deep. This project proposes to deepen the well to 800 feet. Technical specifications are being prepared for the bidding process.

AVRP Upgrades – The construction of the concrete turnout structure and waterline work is complete. Work on the electrical system and final grading is in process. Work is expected to be completed on time.

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