

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

April 18, 2022

Monthly Status of the District – March 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.

March 2022 Report

Water Usage/Quality

Amount of Water Consumed in Metro Main

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

FY 2021 Year to Date – 1,805,629,500 gallons

Amount of Water Consumed in Metro Hub

FY 2020 Year to Date – 179,342,000 gallons

FY 2019 Year to Date – 212,492,100 gallons

Amount of Water Consumed in Metro Southwest

FY 2020 Year to Date – 122,886,700 gallons

FY 2019 Year to Date – 129,863,900 gallons

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

Prior Year Revenue Metered Sales Billed in March 2021 – Grand Total \$1,357,922.98

Metro Main – \$1,137,719.82

Metro Hub – \$119,338.49

Metro Southwest – \$100,864.67

Water Quality Samples

84 Microbiological samples taken from the distribution system.

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

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

System Maintenance

Noteworthy Maintenance Projects and Major Repairs in March 2022:

1. Completed corrosion test station repair with new anode bed install.
2. Replaced three large meter vaults.
3. Completed the Magee La Cholla well pump replacement and Tucson National North right angle guardrail repair.
4. Replaced the Hub 5 well flow meter.
5. Installed flow meters on auxiliary diesel pumps in Diablo Village.

Valves Exercised – 82

Meter Replacements – 87 – 5/8” meters; 2 – 3/4” meters; 1 – 1” meters
Meters Tested – 0

New Meter Applications – 11 total
Metro Main – 11
Metro Hub – 0
Metro Southwest – 0

Customer Accounts

Total Customers Billed – 22,083

New Accounts – 229

Delinquent Accounts – March 2022
Initial Shut Off Notices – 897
Final Shut Offs – 137

High Consumption Contacts – 129

Service Orders & Work Orders and On's and Off Order Requests – Total performed: 178
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 – 12
Metro Hub – 7
Metro Southwest – 18
Meter On's and Off Order Requests
Metro Main – 105
Metro Hub – 4
Metro Southwest – 32

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. The City of Phoenix has ordered 3,500 acre-feet of CAP water to be delivered to AVRP in 2022. Deliveries could begin this Spring after planned improvements are completed to the delivery and metering infrastructure. Construction of improvements began in March.

South Shannon Treatment System Reimbursements – Since 2000, \$1,443,224.31 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 has been scheduled for April 2022. The invoice for March 2022 will be submitted in mid-April.

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 required for construction.

The recovery well equipping/collector pipeline, the transmission main, and forebay are currently out for bids. A pre-bid conference was held on March 17, 2022. The period for receiving questions from prospective bidders has passed. Bid opening is scheduled to occur April 14, 2022.

If bids are favorable, awards will be made for separate contracts or a single contract to a single bidder, whichever is in the best interest of the District. Favorable bids will result in a request for Board approval of contract award(s) at the May 9, 2022 meeting.

Staff provided a project update in lieu of the March meeting with the Partners. A meeting will be scheduled after bids are received.

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 meter vault is complete. Work on the waterline is in process.

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