

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

**March 14, 2022**

**Monthly Status of the District – February 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.

**February 2022 Report**

**Water Usage/Quality**

Amount of Water Consumed in Metro Main

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

FY 2021 Year to Date – 1,656,890,800 gallons

Amount of Water Consumed in Metro Hub

FY 2020 Year to Date – 161,159,200 gallons

FY 2019 Year to Date – 193,888,100 gallons

Amount of Water Consumed in Metro Southwest

FY 2020 Year to Date – 110,426,400 gallons

FY 2019 Year to Date – 117,809,400 gallons

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

Prior Year Revenue Metered Sales Billed in February 2021 – Grand Total \$ 1,311,364.00

Metro Main – \$ 1,119,383.76

Metro Hub – \$ 92,736.58

Metro Southwest – \$ 99,243.66

Water Quality Samples

84 Microbiological samples taken from the distribution system.

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

65 Lab/field test samples for VOCs, IOCs, SOC's, Nitrate, 1,4-Dioxane, Perfluorinated Chemicals, Hexavalent Chromium, and Arsenic.

## **System Maintenance**

Noteworthy Maintenance Projects and Major Repairs in February 2022:

1. Installed additional electrical disconnect at Diablo Village #2.
2. Located corrosion test station on Ethan Allen.
3. Raised air release valve on Oracle for road improvements.
4. Constructed retaining wall at the Hub Reservoir.
5. Completed large diameter meter testing.

Valves Exercised – 119

Meter Replacements – 99 – 5/8” meters; 2 – ¾” meters; 4 – 1” meters, 2 – 1.5” meters  
Meters Tested – 1

New Meter Applications – 5 total  
Metro Main – 2  
Metro Hub – 0  
Metro Southwest – 3

## **Customer Accounts**

Total Customers Billed – 22,052

New Accounts – 187

Delinquent Accounts – February 2022  
Initial Shut Off Notices – 1717  
Final Shut Offs – 127

High Consumption Contacts – 100

Service Orders & Work Orders and On's and Off Order Requests – Total performed: 157  
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 – 13  
Metro Hub – 6  
Metro Southwest – 8  
Meter On's and Off Order Requests  
Metro Main – 90  
Metro Hub – 7  
Metro Southwest – 33

## **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, \$1,436,520.70 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. The invoice for February 2022 will be submitted in mid-March.

## **Capital Improvement Program & Other Major Projects**

### **Northwest Recharge, Recovery, and Delivery System (NWRD)**

The consultant completed the transmission main and forebay plans and specifications. Staff and the District’s consultants are finalizing efforts to obtain the various permits required for construction.

The consultant is updating portions of the well and collector pipeline plans and specifications based on staff comments.

Staff published a bid advertisement in the Daily Territorial for construction of the recovery well equipping/collector pipeline, the transmission main, and forebay. Award will be made for separate contracts or a single contract to single bidder, whichever is in the best interest of the District. Interested bidders have been contacting Engineering for bid documents. A pre-bid conference is set for March 17, 2022, and the bids are due on April 14, 2022. Favorable bids will result in a request for Board approval of contract award(s) at the May 9, 2022, meeting.

A meeting was held with the Partners on February 24, 2022.

### **NWRD (Metro-only portion)**

Staff is working to reply to comments received from Pima County and the Town of Marana. Staff is negotiating a scope of work to complete a Native Plant Mitigation Plan and additional native plant inventory along parts of the alignment that is 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.

**AVRP Upgrades** – Site grading has been completed. The contractor is preparing to complete the concrete work.

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