

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

**February 14, 2022**

**Monthly Status of the District – January 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.

**January 2022 Report**

**Water Usage/Quality**

Amount of Water Consumed in Metro Main

FY 2022 Year to Date – 1,316,892,700 gallons  
FY 2021 Year to Date – 1,505,961,900 gallons

Amount of Water Consumed in Metro Hub

FY 2022 Year to Date – 145,190,200 gallons  
FY 2021 Year to Date – 179,300,400 gallons

Amount of Water Consumed in Metro Southwest

FY 2022 Year to Date – 97,352,400 gallons  
FY 2021 Year to Date – 105,938,700 gallons

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

Prior Year Revenue Metered Sales Billed in January 2021 – Grand Total \$1,514,723.69

Metro Main – \$1,285,763.13  
Metro Hub – \$124,189.46  
Metro Southwest – \$104,771.10

Water Quality Samples

84 Microbiological samples taken from the distribution system.  
29 Microbiological samples taken from the District's active wells.  
51 Lab/field test samples for VOCs, Nitrate, 1,4-Dioxane, Perfluorinated Chemicals, and Arsenic.

## **System Maintenance**

Noteworthy Maintenance Projects and Major Repairs in January 2022:

1. Replaced 12” valve on north storage tank at Magee La Cholla.
2. Drained, inspected, and made minor repairs on the Deconcini storage tank.
3. Installed a soft start on the Wildwood well.
4. Installed fixed network repeater at Hardy.
5. Potholed mainlines in several locations for mainline replacement design in the E&T service area.

Valves Exercised – 112

Meter Replacements – 38 – 5/8” meters; 1 – 3/4” meter; 1 – 1” meter; 1 – 1½” meter; 4 – 2” meters  
Meters Tested – 0

New Meter Applications – 3 total

    Metro Main – 3

    Metro Hub – 0

    Metro Southwest – 0

## **Customer Accounts**

Total Customers Billed – 22,028

New Accounts – 177

Delinquent Accounts – January 2022

    Initial Shut Off Notices – 989

    Final Shut Offs – 109

High Consumption Contacts – 77

Service Orders & Work Orders and On’s and Off Order Requests – Total performed: 151

    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 – 16

        Metro Hub – 3

        Metro Southwest – 7

    Meter On’s and Off Order Requests

        Metro Main – 78

        Metro Hub – 8

        Metro Southwest – 39

## **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. 3,500 acre-feet of the District allocation will be 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 is scheduled to begin in February.

**South Shannon Treatment System Reimbursements** – Since 2000, \$1,427,193.45 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 December 2021 and January 2022 will be submitted in February after the meter reconciliation work is completed between December and January.

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

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

The consultant submitted the final designs for the transmission main and forebay on February 3, 2022. Staff and the District's consultants are working on the various permits required for construction.

The consultant is updating portions of the well and collector pipeline plans based on staff comments. Staff and the District's consultants are working on the various permits required for construction.

Staff published an announcement in the Daily Territorial that we intend to procure construction of the well equipping/collector pipeline, the transmission main, and forebay in February 2022. Interested bidders have been contacting Engineering for additional information. Staff are preparing the bid notice and construction documents.

A status update was held with the Partners on January 13, 2022.

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

Staff met with Pima County reviewers on January 19, 2022, to discuss a resolution to Pima County's comments. Staff are preparing the bid notice and contract documents. Staff published an announcement in the Daily Territorial that we intended to procure construction of the Metro Water Independent Transmission Main project in February 2022.

**E&T22 Well Replacement** – Land acquisition activities are ongoing. Final specifications for the well drilling and construction are complete and ready 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.

**Pantano Road Transmission Main** – Staff are finalizing the design drawings and contract documents in preparation for bidding for construction beginning in the first part of Fiscal Year 2023.

**AVRP Upgrades** – Survey for construction staking was completed. The contractor plans to mobilize to the site at the end of January.

The Board should feel free to request any additional information that it would like to see on this report. Staff are prepared to discuss any questions that the Board may have regarding this report.

Respectfully Submitted,

Joseph Olsen, P.E.  
General Manager