

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

**August 16, 2021**

**Monthly Status of the District – July 2021**

**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.

**July 2021 Report**

**Water Usage/Quality**

Amount of Water Consumed in Metro Main

FY 2022 Year to Date – 228,743,500 gallons

FY 2021 Year to Date – 240,812,900 gallons

Amount of Water Consumed in Metro Hub

FY 2022 Year to Date – 26,389,000 gallons

FY 2021 Year to Date – 30,350,500 gallons

Amount of Water Consumed in Metro Southwest

FY 2022 Year to Date – 17,726,300 gallons

FY 2021 Year to Date – 16,034,100 gallons

Revenue Metered Sales Billed in July 2021 – Grand Total \$1,904,551.13

Metro Main – \$1,607,075.69

Metro Hub – \$166,537.15

Metro Southwest – \$130,938.29

Prior Year Revenue Metered Sales Billed in July 2020 – Grand Total \$1,902,051.36

Metro Main – \$1,610,732.25

Metro Hub – \$180,586.26

Metro Southwest – \$110,732.85

Water Quality Samples

84 Microbiological samples taken from the distribution system.

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

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

### **System Maintenance**

Noteworthy Maintenance Projects and Major Repairs in July 2021:

1. Repaired service line leak on Frasier and potholed mains for actual configuration.
2. Installed drain/ flushing line at DeConcini to permit flushing the wells.
3. Pulled Escondido well to gravel pack infiltration.
4. Replaced enclosure exhaust fan for the Ina/CDO well.
5. Installed a new air charger at Moore for pressure tank operations.

Valves Exercised – 0

Meter Replacements – 5 – 1” meters; 1 – 1½” meters 4 – 2” meters  
Meters Tested – 0

New Meter Applications – 21 total  
Metro Main – 8  
Metro Hub – 0  
Metro Southwest – 13

### **Customer Accounts**

Total Customers Billed – 21,984

New Accounts – 273

Delinquent Accounts – July 2021  
Initial Shut Off Notices – 747  
Final Shut Offs – 93

High Consumption Contacts – 277

Service Orders & Work Orders On’s and Off Order Requests – Total performed: 341

Service Orders (generated from customers calling in with a problem):

Metro Main – 14  
Metro Hub – 0  
Metro Southwest – 0

Work Orders (generated by staff when a need to perform additional work is recognized):

Metro Main – 0  
Metro Hub – 5  
Metro Southwest – 11

Meter On’s and Off Order Requests

Metro Main – 230  
Metro Hub – 20  
Metro Southwest – 61

## **Water Sustainability Projects**

**2021 CAP Storage** – There has been 6,706 acre-feet (AF) of the District’s CAP order stored as of the end of June. All of the District’s order for 2021 will be delivered to groundwater savings facilities (GSF). The City of Phoenix has ordered 3,500 AF of water to be delivered to AVRVP, which started on July 1, 2021. A total of 634 AF of Phoenix’s water was delivered to AVRVP in July.

**South Shannon Treatment System Reimbursements** – Since 2000, \$1,404,673.47 has been reimbursed by the Arizona Department of Environmental Quality (ADEQ). For Fiscal Year 2022, ADEQ has a budget of \$104,494 for operations, sampling, and two GAC change outs of the South Shannon Treatment System. The invoice for July 2021 will be submitted by mid-August 2021.

**Designation of Assured Water Supply (DAWS)** – On August 5, 2021, the CAWCD Board voted to approve the de-enrollment of the Metro Main service area from the CAGR. Only Metro Southwest Diablo Village and Metro West remain as member service areas with CAGR.

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

**Northwest Recharge, Recovery, and Delivery System (NWRDRS)** – Easement acquisition is ongoing. The following summarizes the status of immediate possession as approved by the Board: APN 216-32-025A and 216-32-028A: Legal counsel is continuing to prepare for trial. A portion of the property was acquired by a new owner.

The consultant is working on the final design of the transmission main and forebay. Clarification and discussion of comments made on the 95% proof submittal was completed. Site electrical continues coordination with Trico. Agency reviews are ongoing. The final design package is expected in August.

Staff received 60% design plans and specifications for the well equipping and collector pipelines. Review and comments were completed by staff and the Partners. The consultant is working on 90% design.

A Partner meeting was held on July 20, 2021. A Technical Group meeting was not held in June as the updates were provided during the Partner meeting.

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

Staff submitted the preliminary design plans to outside utility companies for conflict review in mid-June. Staff is updating the design as needed as the utility comments come in.

The consultant submitted, and staff is reviewing, the 90% design for the booster station.

Pipe loop testing is ongoing, with the most recent efforts focused on the introduction of corrosion inhibitors.

**E&T22 Well Replacement** – Land acquisition activities are ongoing.

**Ironwood Well Site Acquisition** – Land acquisition activities are ongoing.

**ADOT Oracle Road Pavement / Drainage Upgrades** – Project closeout is pending receipt of documents from the contractor. The roadway contractor completed potholing in the vicinity of proposed drainage improvements and confirmed there is a conflict with our existing waterline. Staff is updating a design sheet for lowering approximately 50 feet of 6-inch waterline.

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