

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

**July 12, 2021**

**Monthly Status of the District – June 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.

**June 2021 Report**

**Water Usage/Quality**

Amount of Water Consumed in Metro Main

FY 2021 Year to Date – 2,430,853,300 gallons

FY 2020 Year to Date – 2,207,366,800 gallons

Amount of Water Consumed in Metro Hub

FY 2021 Year to Date – 292,537,100 gallons

FY 2020 Year to Date – 265,089,300 gallons

Amount of Water Consumed in Metro Southwest

FY 2021 Year to Date – 174,961,700 gallons

FY 2020 Year to Date – 161,646,700 gallons

Revenue Metered Sales Billed in June 2021 – Grand Total \$1,912,679.55

Metro Main – \$1,613,659.16

Metro Hub – \$179,196.26

Metro Southwest – \$119,824.13

Prior Revenue Metered Sales Billed in June 2020 – Grand Total \$1,725,890.69

Metro Main – \$1,436,028.19

Metro Hub – \$178,022.91

Metro Southwest – \$111,839.59

Water Quality Samples

84 Microbiological samples taken from the distribution system.

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

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

### **System Maintenance**

Noteworthy Maintenance Projects and Major Repairs in June 2021:

1. Reconnected well pump to return service at Thornydale well.
2. Gas engine repairs at Tucson National North well.
3. Magee La Cholla South tank back online.
4. Escondido back in service with new liquid chlorinator.
5. Alcott well back online.

Valves Exercised – 0

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

New Meter Applications – 23 total  
Metro Main – 13  
Metro Hub – 0  
Metro Southwest – 10

### **Customer Accounts**

Total Customers Billed – 21,988

New Accounts – 266

Delinquent Accounts – June 2021  
Initial Shut Off Notices – 886  
Final Shut Offs – 114

High Consumption Contacts – 378

Service Orders & Work Orders On’s and Off Order Requests – Total performed: 489

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

Metro Main – 88  
Metro Hub – 2  
Metro Southwest – 7

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

Metro Main – 0  
Metro Hub – 4  
Metro Southwest – 3

Meter On’s and Off Order Requests

Metro Main – 321  
Metro Hub – 16  
Metro Southwest – 48

## **Water Sustainability Projects**

**2021 CAP Storage** – There has been 4,414 acre-feet of the District’s CAP order stored as of the end of May. All of the District’s order for 2021 will be delivered to groundwater savings facilities (GSF). The City of Phoenix has ordered 3,500 acre-feet of water to be delivered to AVRP, which started on July 1, 2021.

**South Shannon Treatment System Reimbursements** – Since 2000, \$1,401,131.08 has been reimbursed by the Arizona Department of Environmental Quality (ADEQ). For Fiscal Year 2021, ADEQ has a budget of \$101,451 for operations, sampling, and two GAC change outs of the South Shannon Treatment System. The invoice for June 2021 will be submitted by mid-July 2021.

**Designation of Assured Water Supply (DAWS)** – The District received the signed modified DAWS on May 19, 2021. This DAWS modification is the first step in the process to de-enroll Metro Main from the CAGR. A Revocation of Agreement between Metro Water District and the CAGR is being presented to the Board for approval that will be followed in August by the CAP Board’s consideration. At that point, if approved by the CAP Board, the District’s Metro Main service area will no longer be a CAGR member service area.

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

**Northwest Recharge, Recovery, and Delivery System (NWRDS)** – 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 final design of the transmission main and forebay. Clarification and discussion of comments made on the 90% design was completed. Additional discussion was held and documentation made that the forebay site is considered a non-critical facility. Site electrical being coordinated with Trico. The final design package is expected in the first week of 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 June 23, 2021. A Technical Group meeting was not held in June as the updates were provided during the Partner meeting.

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

The constructability review report was finalized and staff is incorporating the recommendations into the transmission main design documents. Round 1 testing for the pipe loop testing was completed. The Board will be asked to consider additional testing at

the July meeting. Staff is continuing to work toward 90% design. The corrosion design was submitted for review at the end of June.

**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. Staff is coordinating with the roadway contractor to address questions and evaluate additional potential conflicts.

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