

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

November 8, 2021

Monthly Status of the District – October 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.

October 2021 Report

Water Usage/Quality

Amount of Water Consumed in Metro Main

FY 2022 Year to Date – 810,174,400 gallons

FY 2021 Year to Date – 933,099,400 gallons

Amount of Water Consumed in Metro Hub

FY 2022 Year to Date – 90,689,500 gallons

FY 2021 Year to Date – 117,962,400 gallons

Amount of Water Consumed in Metro Southwest

FY 2022 Year to Date – 57,028,000 gallons

FY 2021 Year to Date – 64,285,700 gallons

Revenue Metered Sales Billed in October 2021 – Grand Total \$1,671,072.10

Metro Main – \$1,413,023.38

Metro Hub – \$145,748.95

Metro Southwest – \$112,299.77

Prior Year Revenue Metered Sales Billed in October 2020 – Grand Total \$1,804,627.20

Metro Main – \$1,507,748.47

Metro Hub – \$182,145.19

Metro Southwest – \$114,733.54

Water Quality Samples

84 Microbiological samples taken from the distribution system.

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

107 Lab/field test samples for VOCs, IOCs, Metals, DBPs, Nitrate, Nitrite, Sodium, 1,4-Dioxane, Perfluorinated Chemicals, and Arsenic.

System Maintenance

Noteworthy Maintenance Projects and Major Repairs in October 2021:

1. Repaired two leaks on mainline for San Miguel Circle.
2. Relocated service line to allow for decommissioning of the Lobo site.
3. Completed installation of soft start for Thornydale well.
4. Replaced leaking spool section on PRV at the Marlene site.
5. Repaired two leaking service lines in Metro Southwest.

Valves Exercised – 35

Meter Replacements – 30 – 5/8” meters; 6 – 1” meters; 3 – 1½” meters
Meters Tested – 8

New Meter Applications – 9 total
Metro Main – 9
Metro Hub – 0
Metro Southwest – 0

Customer Accounts

Total Customers Billed – 22,061

New Accounts – 212

Delinquent Accounts – October 2021
Initial Shut Off Notices – 769
Final Shut Offs – 103

High Consumption Contacts – 185

Service Orders & Work Orders and On's and Off Order Requests – Total performed: 307
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 – 28
Metro Hub – 6
Metro Southwest – 15
Meter On's and Off Order Requests
Metro Main – 210
Metro Hub – 10
Metro Southwest – 38

Water Sustainability Projects

2021 CAP Storage – There has been 9,959 acre-feet (AF) of the District’s CAP order stored as of the end of September. 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 3,007 AF of Phoenix’s water was delivered to AVRVP at the end of October.

South Shannon Treatment System Reimbursements – Since 2000, \$1,422,518.32 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 change outs of the South Shannon Treatment System. The invoice for October 2021 will be submitted by mid-November 2021.

Diablo Village Production Well – Drilling activities have halted on a new production well in the Diablo Village service area. The District and the developer are in discussions about alternatives.

Capital Improvement Program & Other Major Projects

Northwest Recharge, Recovery, and Delivery System (NWRDRS) – Acquisition of easements on APN 216-32-028A and APN 216-32-025A is complete and staff met with the new land owner on October 15, 2021 to coordinate activities. Additional temporary easements to increase construction access may be obtained.

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. Coordination of off-site electrical continues with Trico, a meeting was held at forebay site on October 26, 2021. Agency reviews are ongoing. The partners are deliberating some changes in the final design package to bring estimated construction costs down. Assuming the changes are implemented, the final package would be expected in December.

Staff received 90% design plans and specifications for the well equipping and collector pipelines. Review completed by staff and the partners and a review meeting was held with the consultant to clarify comments. The consultant is incorporating the changes. The partners are deliberating some changes in the final design package to bring estimated construction costs down, mostly through deferring equipping of recovery well #1. Assuming the changes are implemented, the final package would be expected in December.

A Partner meeting was held on October 14, 2021. A Technical Group meeting was not held in October as the updates were provided during the Partner meeting.

NWRDRS (Metro-only portion)

Agency reviews are ongoing.

The final Pipe Loop testing report was submitted on October 19, 2021.

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

Ironwood Well Site Acquisition – Land acquisition activities are ongoing.

ADOT Oracle Road Pavement / Drainage Upgrades – The Approval of Construction was issued by the Pima County Department of Environmental Quality on October 25, 2021. Remaining capital funds will only be used for unanticipated modifications necessary due to the ongoing ADOT road improvement project.

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