

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

July 11, 2022

Monthly Status of the District – June 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.

June 2022 Report

Water Usage/Quality

Amount of Water Consumed in Metro Main

FY 2022 Year to Date – 2,318,260,300 gallons

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

Amount of Water Consumed in Metro Hub

FY 2022 Year to Date – 256,798,400 gallons

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

Amount of Water Consumed in Metro Southwest

FY 2022 Year to Date – 170,134,300 gallons

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

Revenue Metered Sales Billed in June 2022 – Grand Total \$1,969,137.25

Metro Main – \$1,634,999.18

Metro Hub – \$204,125.59

Metro Southwest – \$130,012.48

Prior Year 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

Water Quality Samples

87 Microbiological samples taken from the distribution system.

10 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.

18 GWR samples after a positive hit at 7111 Via Venezia.

System Maintenance

Noteworthy Maintenance Projects and Major Repairs in June 2022:

1. Completed 185' of new main installation for Skyline Ranchos.
2. Installed regenerated media at Diablo Village #1.
3. Replaced failed gear drive temperature sensing unit at Tucson National North.
4. Repaired 4" AC main in Hub on Pantano.
5. Made repairs to four system PRVs.

Valves Exercised – 61

Meter Replacements – 0

Meters Tested – 11

New Meter Applications – 2 total

 Metro Main – 2

 Metro Hub – 0

 Metro Southwest – 0

Customer Accounts

Total Customers Billed – 22,112

New Accounts – 240

Delinquent Accounts – June 2022

 Initial Shut Off Notices – 1,018

 Final Shut Offs – 146

High Consumption Contacts – 484

Service Orders & Work Orders and On's and Off Order Requests – Total performed: 209

 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 – 44

 Metro Hub – 1

 Metro Southwest – 19

 Meter On's and Off Order Requests

 Metro Main – 101

 Metro Hub – 4

 Metro Southwest – 40

Water Sustainability Projects

2022 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, which totals \$912,135.00. The City of Phoenix has ordered 3,500 acre-feet of CAP water to be delivered to AVRP in 2022. Deliveries began in June after facility improvements were completed. Approximately 100 acre-feet of Phoenix’s water was delivered in June.

South Shannon Treatment System Reimbursements – Since 2000, \$1,489,295.83 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 June 2022 will be submitted in mid-June.

Capital Improvement Program & Other Major Projects

Northwest Recharge, Recovery, and Delivery System (NWRRDS)

Staff and the District’s consultants continue finalizing efforts to obtain the various permits and authorizations required for close-out of the design phase.

The Arizona State Land Department issued the temporary construction easement that will enable an intermediate jacking pit, which is expected to reduce the duration of monitoring required by Union Pacific Railroad during jacking operations.

NWRRDS (Metro-only portion)

Work continued on the Landscape and Native Plant Mitigation Plan to satisfy a requirement by Pima County. Work commenced for the remaining cultural and environmental studies required to enable the review and permitting of the NWRRDS Independent Boosters and the independent transmission mains west of Twin Peaks under MOA 2022-01_00 OV. This work is anticipated to be completed within the next 90 days.

Staff is continuing work to phase the Metro Independent pipeline to facilitate separate construction projects.

Two applications were submitted for consideration by WIFA. Staff is completing the various loan documents and supporting information.

E&T22 Well Replacement – Land acquisition activities are ongoing. An application was submitted to WIFA for consideration. Staff is completing the various loan documents and supporting information.

Ironwood Well Site Acquisition – Land acquisition activities are ongoing. It is anticipated that the Marana Unified School District Board will consider the item at their August 11, 2022 meeting.

AVRP Upgrades – Construction is complete and operation of the new improvements commenced on June 27, 2022.

Skyline Ranchos Mainline Replacement – Construction of the new waterline is complete.

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