

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

June 14, 2021

Monthly Status of the District – May 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.

May 2021 Report

Water Usage/Quality

Amount of Water Consumed in Metro Main

FY 2021 Year to Date – 2,189,867,600 gallons

FY 2020 Year to Date – 1,996,987,100 gallons

Amount of Water Consumed in Metro Hub

FY 2021 Year to Date – 262,627,200 gallons

FY 2020 Year to Date – 234,903,100 gallons

Amount of Water Consumed in Metro Southwest

FY 2021 Year to Date – 158,814,800 gallons

FY 2020 Year to Date – 145,583,600 gallons

Revenue Metered Sales Billed in May 2021 – Grand Total \$1,589,081.63

Metro Main – \$1,328,223.44

Metro Hub – \$145,372.05

Metro Southwest – \$115,486.14

Prior Year Revenue Metered Sales Billed in May 2020 – Grand Total \$1,658,055.63

Metro Main – \$1,396,827.92

Metro Hub – \$152,428.90

Metro Southwest – \$108,798.81

Water Quality Samples

82 Microbiological samples taken from the distribution system.

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

77 Lab/field test samples for VOCs, IOC's, metals, Nitrate, 1,4-Dioxane, Perfluorinated Chemicals, Hexavalent Chromium, Asbestos, and Arsenic.

System Maintenance

Noteworthy Maintenance Projects and Major Repairs in May 2021:

1. Added safety rail and completed the internal recoat of the E&T22, 25,000 gallon tank.
2. Completed the internal recoat of South Magee La Cholla tank.
3. Pulled Thornydale well motor due to failure.
4. Vendor completed ARC flash analysis for Alcott. Staff collected Diablo Village #2 data for ARC flash.
5. Completed Escondido well liner and equipment installation.

Valves Exercised – 43

Meter Replacements – 5 – 5/8” meters; 1 – 1” meters
Meters Tested – 0

New Meter Applications – 94 total
Metro Main – 36
Metro Hub – 22
Metro Southwest – 36

Customer Accounts

Total Customers Billed – 21,916

New Accounts – 276

Delinquent Accounts – May 2021
Initial Shut Off Notices – 691
Final Shut Offs – 113

High Consumption Contacts – 404

Service Orders & Work Orders On's and Off Order Requests – Total performed: 300

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

Metro Main – 17
Metro Hub – 2
Metro Southwest – 2

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

Metro Main – 0
Metro Hub – 2
Metro Southwest – 1

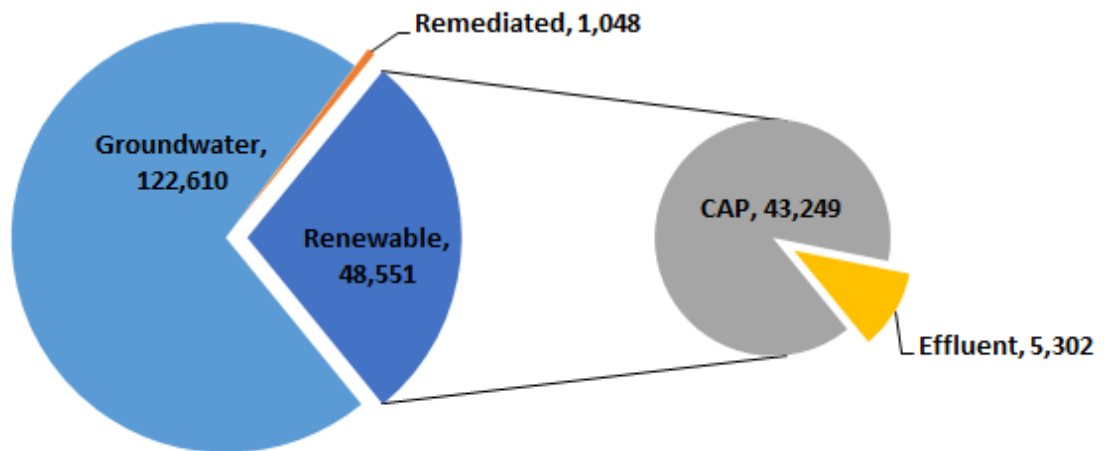
Meter On's and Off Order Requests

Metro Main – 223
Metro Hub – 13
Metro Southwest – 40

Water Sustainability Projects

2020 Water Resources Portfolio

CURRENT BALANCE OF METRO MAIN WATER RESOURCES PORTFOLIO (ACRE-FEET) DECEMBER 31, 2020



2020 Asset Value of renewal supplies @ \$204.26/AF X 48,551 AF = \$9.4 million, which is an increase of \$95,000 from 2019

2021 CAP Storage – There has been 3,547 acre-feet of the District’s CAP order stored as of the end of April. 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 AVR. Due to delays in the construction of planned delivery and metering infrastructure, delivery of the Phoenix’s water will start in July.

South Shannon Treatment System Reimbursements – Since 2000, \$1,397,059.57 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 May 2021 will be submitted by mid-June 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 De-Enrollment Resolution is being presented to the Board for approval that will be followed in July by a Member Service Area Revocation Agreement. Once the Revocation Agreement is signed by the Board, it will be presented to the CAP Board in August for final signature. At that point, 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 (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. The property was acquired by a new owner.

The additional water quality investigation has been completed on the recovery well AVRW-01. Pumping from different depths in the well and at different pumping rates was performed to refine the final pump design. District staff have prepared a technical memorandum detailing findings and pump design recommendations. Potholing of existing utilities to support transmission main design is complete. 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.

Staff received 60% design plans and specifications for the Well Equipping and Collector Pipelines. Review and comment are underway by the staff and Partners.

A Partner meeting was held on May 12, 2021. A Technical Group meeting was not held in May as the updates were provided during the Partner meeting.

NWRDRS (Metro-only portion)

The constructability review report was finalized and staff is incorporating the recommendations into the transmission main design documents. Baseline testing for the pipe loop study was completed. Round 1 testing began and is anticipated to be complete in early June.

E&T22 Well Replacement – Staff continued development of alternatives for disposal of well water and sound abatement needs during installation and testing. 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 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