

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

August 12, 2019

Monthly Status of the District – July 2019

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 2019 Report

Water Usage/Quality

Amount of Water Consumed in Metro Main

FY 2020 Year to Date – 218,075,600 gallons

FY 2019 Year to Date – 212,411,000 gallons

Amount of Water Consumed in Metro Hub

FY 2020 Year to Date – 31,827,500 gallons

FY 2019 Year to Date – 29,891,200 gallons

Amount of Water Consumed in Metro Southwest

FY 2020 Year to Date – 14,125,900 gallons

FY 2019 Year to Date – 14,398,100 gallons

Revenue Metered Sales Billed in July 2019 – Grand Total \$1,777,058.86

Metro Main – \$1,484,070.36

Metro Hub – \$190,697.03

Metro Southwest – \$102,291.47

Prior Year Revenue Metered Sales Billed in July 2018 – Grand Total \$1,703,053.29

Metro Main – \$1,426,120.11

Metro Hub – \$177,091.46

Metro Southwest – \$99,841.72

Water Quality Samples

- 82 Microbiological samples taken from the distribution system.
- 11 Microbiological samples taken from the District's active wells.
- 110 Lab/field test samples for VOCs, IOC's, Metals, SOC's, DBPs, Nitrate, Lead and Copper, 1,4-Dioxane, Perfluorinated Chemicals, Hexavalent Chromium, and Arsenic.

System Maintenance

Noteworthy Maintenance Projects and Major Repairs in July 2019:

1. Installed six additional services to the Valhalla bulk station in Diablo Village.
2. Replaced failed poly service line in the Metro Hub service area.
3. Replaced failed electric meter base at Diablo Village #1.
4. Removed Rasmussen pressure tank and replaced with underground line.
5. Completed repairs to the office trailer at Diablo Village #2.

Valves Exercised – 0

Meter Replacements – 32 – 5/8” meters; 1 – 3/4” meters

Meters Tested – 0

ERTs Replaced – 0

New Meter Applications – 35 total

Metro Main – 23

Metro Hub – 0

Metro Southwest – 12

Customer Accounts

Total Customers Billed – 20,680

New Accounts – 309

Delinquent Accounts – July 2019

Initial Shut Off Notices – 586

Final Shut Offs – 119

High Consumption Contacts – 123

Service Orders & Work Orders – Total performed: 99

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

Metro Main – 23

Metro Hub – 3

Metro Southwest – 47

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

Metro Main – 24

Metro Hub – 0

Metro Southwest – 2

Water Sustainability Projects

2019 CAP Storage – All of the City of Phoenix’s 3,500 acre-feet (AF) of water has been delivered to AVRVP. As of June 30, 2019, a total of 1,380 AF of the District’s water remains to be delivered to AVRVP through the balance of the calendar year. A total of 4,527 AF of the District’s water order has been delivered to Groundwater Savings Facility partners.

South Shannon Treatment System Reimbursements – Since 2000, \$1,230,072.88 has been reimbursed by the Arizona Department of Environmental Quality (ADEQ). For Fiscal Year 2020, ADEQ has a budget of \$65,359.24 for operations and sampling of the South Shannon Treatment System. An invoice for July 2019 will be submitted in mid-August.

Avra Valley Recharge Project (AVRP) – A technical design report and a description of the work to be performed on the AVRP facility is being prepared by Staff for submittal to the Arizona Department of Water Resources (ADWR) for a Director’s Modification to the current permit for new water measuring infrastructure. Design work for the civil engineering improvements planned for the AVRP facility have been completed. Construction work on the facility’s improvements is anticipated to occur in Fiscal Year 2021 between January and June of 2021. These improvements, when completed, are projected to bring the operational recharge capacity up to or near the 11,000 AF permit capacity.

Capital Improvement Program & Other Major Projects

RTA Waterline Relocation – La Cholla Blvd: Overton Road to Lambert Lane – The Town of Oro Valley’s roadway contractor is proceeding with adjustments and the removal of waterlines necessitated by the RTA roadway improvement as authorized by the Intergovernmental Agreement executed in April 2019.

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 the case for hearing, which is anticipated later in 2019.

The Package 1A clearing and grubbing is complete and the contractor is preparing for fence installation. The preconstruction meeting with the exploratory well drilling contractor was held July 31, 2019, and the contractor is expected to begin work on August 8, 2019.

The Partners are continuing their review of the preliminary transmission main design package.

A technical team meeting was held July 16, 2019. A meeting with the NWRDRS Partners was held on July 18, 2019.

Metro Main Recharge Recovery Transmission Main – The consultant submitted a draft of the record of survey along with the topographic and culture surveys. Staff have provided comments and the final documents are in process by the consultant. Staff is continuing design work on the transmission main between the Forebay reservoir and the Herb Johnson reservoir.

Old Nogales Highway Mainline Replacement – Staff received concurrence from Pima County allowing portions of the existing waterline to remain in Old Nogales Highway for a period of ten years. A public notice regarding the construction project was mailed to customers on July 31, 2019. Materials have been procured and it is anticipated that the contractor will begin construction in August. Staff is coordinating with the contractor regarding the start date.

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