

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

July 8, 2019

Monthly Status of the District – June 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.

June 2019 Report

Water Usage/Quality

Amount of Water Consumed in Metro Main

FY 2019 Year to Date – 2,095,867,600 gallons

FY 2018 Year to Date – 2,337,488,400 gallons

Amount of Water Consumed in Metro Hub

FY 2019 Year to Date – 247,805,300 gallons

FY 2018 Year to Date – 281,479,000 gallons

Amount of Water Consumed in Metro Southwest

FY 2019 Year to Date – 142,513,700 gallons

FY 2018 Year to Date – 153,734,500 gallons

Revenue Metered Sales Billed in June 2019 – Grand Total \$1,651,537.68

Metro Main – \$1,404,937.05

Metro Hub – \$145,291.20

Metro Southwest – \$101,309.43

Prior Year Revenue Metered Sales Billed in June 2018 – Grand Total \$1,837,979.84

Metro Main – \$1,573,962.97

Metro Hub – \$166,597.51

Metro Southwest – \$97,419.36

Water Quality Samples

78 Microbiological samples taken from the distribution system.

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

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

System Maintenance

Noteworthy Maintenance Projects and Major Repairs in June 2019:

1. 4" mainline repair at Oracle and Chula Vista.
2. 8" mainline and service repair in Diablo Village.
3. Worked with TEP to resolve a power quality issue in Hub.
4. Riverside well 16" liner successfully removed.
5. Replaced Air-Rite compressor at Oracle Jaynes Station.

Valves Exercised – 0

Meter Replacements – 62 – 5/8" meters; 4 – 3/4" meter

Meters Tested – 0

ERTs Replaced – 0

New Meter Applications – 54 total

Metro Main – 34

Metro Hub – 4

Metro Southwest – 16

Customer Accounts

Total Customers Billed – 20,966

New Accounts – 280

Delinquent Accounts – June 2019

Initial Shut Off Notices – 1,401

Final Shut Offs – 107

High Consumption Contacts – 124

Service Orders & Work Orders – Total performed: 97

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

Metro Main – 28

Metro Hub – 17

Metro Southwest – 52

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

Metro Main – 0

Metro Hub – 0

Metro Southwest – 0

Water Sustainability Projects

2019 CAP Storage – Deliveries of City of Phoenix water started on January 1, 2019. As of June, a total of 3,648 acre-feet (AF) of water has been delivered to AVRP. All of the City of Phoenix’s 3,500 AF has been delivered to AVRP. A total of 1,497 AF of the District’s water will be delivered for the balance of the calendar year. As of June 1, 2019, a total of 3,067 AF of the District’s water order has been delivered to our GSF partners’ farms.

South Shannon Treatment System Reimbursements – Since 2000, \$1,230,072.88 has been reimbursed from Arizona Department of Environmental Quality (ADEQ). With the frequent shutdowns of South Shannon well, the District only consumed 71% of ADEQ’s Fiscal Year 2019 budget. The final invoice for Fiscal Year 2019 has been submitted for reimbursement. For Fiscal Year 2020, ADEQ has a budget of \$65,359.24 for operations and sampling of the South Shannon Treatment System.

Avra Valley Recharge Project – 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 ADWR for a Director’s Modification to the current permit. 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. These efforts will continue into Fiscal Year 2020.

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 exploratory well drilling contractor, and the contractor performing activities related to the access road construction, are preparing to begin work in July. A meeting with the NWRDRS Partners was held on June 20, 2019. A technical team meeting was held June 18, 2019.

Metro-Main Recharge Recovery Transmission Main – Work by Tierra Right of Way Services for record of survey and culture survey is ongoing and expected to be complete by the end of July 2019. Staff has commenced design work on the transmission main between the forebay reservoir and the Herb Johnson reservoir.

Hub Reservoir Expansion – All construction and site work was completed June 30, 2019.

Old Nogales Highway Mainline Replacement – Staff completed its review of contractor submittals. The contractor arranged for materials acquisition in June and construction is expected to begin in July 2019.

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