

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

May 13, 2019

Monthly Status of the District – April 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.

April 2019 Report

Water Usage/Quality

Amount of Water Consumed in Metro Main

FY 2019 Year to Date – 1,694,936,000 gallons

FY 2018 Year to Date – 1,895,657,000 gallons

Amount of Water Consumed in Metro Hub

FY 2019 Year to Date – 200,588,500 gallons

FY 2018 Year to Date – 227,311,100 gallons

Amount of Water Consumed in Metro Southwest

FY 2019 Year to Date – 115,634,700 gallons

FY 2018 Year to Date – 124,532,800 gallons

Revenue Metered Sales Billed in April 2019 – Grand Total \$1,313,293.29

Metro Main – \$1,102,630.04

Metro Hub – \$126,888.02

Metro Southwest – \$83,775.23

Prior Year Revenue Metered Sales Billed in April 2018 – Grand Total \$1,450,219.17

Metro Main – \$1,220,669.09

Metro Hub – \$126,279.30

Metro Southwest – \$103,270.78

Water Quality Samples

82 Microbiological samples taken from the distribution system.

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

53 Lab/field test samples for VOCs, Nitrate, 1,4-Dioxane, Perfluorinated Chemicals, and Arsenic.

System Maintenance

Noteworthy Maintenance Projects and Major Repairs in April 2019:

1. Replaced poly service line leak at Metro Hub.
2. Fabricated discharge pipe and fittings for E&T 23.
3. Replaced TNW TFD key pad under warranty.
4. Restored Deconcini, Shannon, and Wildwood well operations.
5. Repaired pressure tank and air compressor at Tripp reservoir.

Valves Exercised – 24

Meter Replacements – 21 – 5/8” meters

Meters Tested – 0

ERTs Replaced – 0

Hub Badger Meter Replacements – 32 – 5/8” meters

New Meter Applications – 35 total

Metro Main – 29

Metro Hub – 0

Metro Southwest – 6

Customer Accounts

Total Customers Billed – 20,936

New Accounts – 243

Delinquent Accounts – April 2019

Initial Shut Off Notices – 703

Final Shut Offs – 107

High Consumption Contacts – 145

Service Orders & Work Orders – Total performed: 92

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

Metro Main – 40

Metro Hub – 11

Metro Southwest – 9

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

Metro Main – 24

Metro Hub – 4

Metro Southwest – 4

Water Sustainability Projects

2019 CAP Storage – Deliveries of City of Phoenix water started on January 1, 2019. As of April a total of 2,829 acre-feet (AF) of water has been delivered to AVRVP. In July, the District’s water will be delivered for the balance of the calendar year.

South Shannon Treatment System Reimbursements – Since 2000, \$1,221,560.90 has been reimbursed from Arizona Department of Environmental Quality (ADEQ). For Fiscal Year 2019, ADEQ has a budget of \$55,888 for operations and sampling of the South Shannon Treatment System. An invoice for the month of March has been submitted for reimbursement.

Avra Valley Recharge Project – A description of the work to be performed on the AVRVP facility is being prepared by Staff for submittal to ADWR for a Director’s modification to the current permit. Design work is continuing for the civil engineering improvements planned for the AVRVP facility. Construction work on the facility’s improvements is anticipated to occur in Fiscal Year 2020. 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 – Project closeout with the contractor is complete.

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 216-31-0380: The final order of condemnation has been received from the court and this case is concluded.
- APN 216-32-025A and 216-32-028A: Legal counsel is continuing to prepare the case for hearing, which is anticipated later in 2019.

HDR is continuing preparation of draft agreements, specifications and plans for exploration well drilling, as well as clearing and grubbing activities related to the access road. The native plant inventory and assessment pertaining to the exploratory well sites was completed. A technical team meeting was with all partners on April 23, 2019.

HDR and staff finalized the professional services agreement for the Metro recovery system, and are in the process of finalizing the scope of services. This portion of the work includes

the Metro Water booster, recovery pipeline, and related program support. A project kick-off is anticipated in the future.

Hub Reservoir Expansion – Construction and commissioning of the new tank is complete, electrical installation and final site work is ongoing. All other site work is expected to be completed by late May 2019.

Old Nogales Highway Mainline Replacement – Staff reached an agreement with Pima County regarding execution strategies and is coordinating related modifications to the plans with the apparent low-bidder.

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