

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

**April 8, 2019**

**Monthly Status of the District – March 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.

**March 2019 Report**

**Water Usage/Quality**

Amount of Water Consumed in Metro Main

FY 2019 Year to Date – 1,542,325,900 gallons

FY 2018 Year to Date – 1,801,659,700 gallons

Amount of Water Consumed in Metro Hub

FY 2019 Year to Date – 179,044,500 gallons

FY 2018 Year to Date – 207,722,000 gallons

Amount of Water Consumed in Metro Southwest

FY 2019 Year to Date – 104,421,500 gallons

FY 2018 Year to Date – 109,076,600 gallons

Revenue Metered Sales Billed in March 2019 – Grand Total \$1,174,224.84

Metro Main – \$1,004,487.44

Metro Hub – \$86,017.49

Metro Southwest – \$83,719.91

Prior Year Revenue Metered Sales Billed in March 2018 – Grand Total \$1,235,170.94

Metro Main – \$1,041,308.46

Metro Hub – \$97,618.64

Metro Southwest – \$96,243.84

Water Quality Samples

82 Microbiological samples taken from the distribution system.

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

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

## **System Maintenance**

### Noteworthy Maintenance Projects and Major Repairs in March 2019:

1. Pulled Deconcini Booster 1 pump and Booster 2 meter for repairs.
2. Repaired PVC line at Diablo Village on Calle Lerdo.
3. Repaired the service line on Paseo del Norte.
4. Worked with Engineering to the fill and sample Diablo Village 1 and Hub Reservoirs.
5. Worked with the manufacturer to replace VFD air conditioner at Magee / La Cholla under warranty.

Valves Exercised – 42

Meter Replacements – 75 – 5/8” meters

Meters Tested – 0

ERTs Replaced – 0

New Meter Applications – 29 total

Metro Main – 24

Metro Hub – 0

Metro Southwest – 5

## **Customer Accounts**

Total Customers Billed – 20,830

New Accounts – 270

Delinquent Accounts – March 2019

Initial Shut Off Notices – 1,027

Final Shut Offs – 126

High Consumption Contacts – 97

Service Orders & Work Orders – Total performed: 159

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

Metro Main – 100

Metro Hub – 12

Metro Southwest – 12

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

Metro Main – 18

Metro Hub – 5

Metro Southwest – 12

### **Water Sustainability Projects**

**2019 CAP Storage** – Deliveries of City of Phoenix water started on January 1, 2019. All of Phoenix’s 3,500 acre-feet of water will be delivered between January and June 2019. As of March a total of 2,311 acre-feet of water has been delivered to AVRP. In July, the District’s water will be delivered for the balance of the calendar year.

**South Shannon Treatment System Reimbursements** – Since 2000, \$1,219,791.73 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 months of January and February have been submitted for reimbursement.

**Avra Valley Recharge Project** – 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 is scheduled in Fiscal Year 2019 and 2020 for the civil engineering improvements planned for the AVRP 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 continuing.

Staff continued working with the Town of Oro Valley to finalize the intergovernmental agreement (IGA) allowing for future adjustments and removal of waterlines by its roadway contractor as necessitated by the RTA roadway improvement.

**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: Legal counsel is continuing to work with the property owner to finalize the easement acquisition.
- 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. Field work for the native plant inventory and assessment pertaining to the exploratory well sites was completed and the report process was started. A technical team meeting was with all partners on March 19, 2019.

HDR and staff finalized the professional services agreement for the Metro recovery system. This portion of the work includes the Metro Water booster, recovery pipeline and related program support. A project kick-off is anticipated in the near future.

**Hub Reservoir Expansion** – Painting of the new tank is complete, and tank cleaning and disinfection is ongoing. Work on the tank is expected to be completed in early April 2019, and 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