

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

**November 14, 2018**

**Monthly Status of the District – October 2018**

**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.

**October 2018 Report**

**Water Usage/Quality**

Amount of Water Consumed in Metro Main

FY 2019 Year to Date – 809,989,600 gallons

FY 2018 Year to Date – 877,860,500 gallons

Amount of Water Consumed in Metro Hub

FY 2019 Year to Date – 100,674,100 gallons

FY 2018 Year to Date – 108,902,600 gallons

Amount of Water Consumed in Metro Southwest

FY 2019 Year to Date – 51,436,500 gallons

FY 2018 Year to Date – 52,109,000 gallons

Revenue Metered Sales Billed in October 2018 – Grand Total \$1,403,100.71

Metro Main – \$1,198,915.88

Metro Hub – \$114,079.33

Metro Southwest – \$90,105.50

Prior Year Revenue Metered Sales Billed in October 2017 – Grand Total \$1,558,846.36

Metro Main – \$1,326,734.76

Metro Hub – \$150,682.24

Metro Southwest – \$81,429.36

Water Quality Samples

73 Microbiological samples taken from the distribution system.

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

84 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 October 2018:

1. Pulled Deconcini, Wildwood, and Shannon for well maintenance.
2. Replace expansion joints on Shannon Treatment System.
3. Installed conduit at Diablo Village #2 to enhance telemetry and security.
4. Drained and inspected Deconcini Storage Tank.
5. Repaired 6” water line on La Oesta.

Valves Exercised – 53

Meter Replacements – 60 – 5/8” meters

Meters Tested – 0

ERTs Replaced – 0

New Meter Applications – 20 total

Metro Main – 9

Metro Hub – 0

Metro Southwest – 11

### **Customer Accounts**

Total Customers Billed – 20,684

New Accounts – 234

Delinquent Accounts – October 2018

Initial Shut Off Notices – 1,221

Final Shut Offs – 166

High Consumption Contacts – 95

Service Orders & Work Orders – Total performed: 156

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

Metro Main – 46

Metro Hub – 13

Metro Southwest – 15

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

Metro Main – 71

Metro Hub – 6

Metro Southwest – 5

## **Water Sustainability Projects**

**2018 CAP Storage** – Storage at Avra Valley Recharge Project (AVRP) as of October 31, 2018 was 3,100 acre-foot (AF) for the District and 3,500 AF for the City of Phoenix. The District’s GSF partners have stored 10,300 AF for the District and 60 AF at the Southern AVRP for Metro Southwest – Lazy B. All of the District’s 2018 CAP order has been delivered.

**South Shannon Treatment System Reimbursements** – Since 2000, \$1,212,177.84 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. This amount does not cover any GAC change outs or planned maintenance on the production well; those will have their own separate ADEQ funding source. Invoices for September have been submitted to ADEQ for payment.

**Avra Valley Recharge Project** – Design work is scheduled in Fiscal 2019 for the civil engineering improvements planned for the AVRP recharge basins. Construction work on the first half of the facility is scheduled for Fiscal 2020. These improvements are anticipated to bring the operational recharge capacity up to near the 11,000 AF permit capacity.

## **Capital Improvement Program & Other Major Projects**

**RTA Waterline Relocation – La Cholla Blvd: Overton Road to Lambert Lane** – Construction is approximately 40% complete and is expected to be complete by January 28, 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 216-31-037D: legal counsel is continuing to work with the property owner to finalize condemnation
- APN 216-31-0380: the hearing date is November 6, 2018; legal counsel is negotiating an agreement for an alternate alignment of the easement
- APN 216-32-025A and 216-32-028A: the hearing that was previously scheduled for October 29, 2018 is being rescheduled pending agreement of an alternate alignment of the easements

Arizona State Land Department (ASLD) staff anticipates receiving management approval November 6, 2018, which will initiate the notice of appraisal (and waiver of appeal) to be forwarded to the District. Subject to the District’s waiver of appeal, ASLD staff is anticipating the District’s submission will be heard by the Board of Appeals at its December 13, 2018 meeting.

The draft NWRDRS Delineation Report, created by HDR, is being reviewed by staff.

The follow-up Program Support risk workshop is scheduled for November 13, 2018.

**Hub Reservoir Expansion** – Work is scheduled to begin at the site on November 5, 2018.

**Hub Interconnect** – Construction of the Interconnect was substantially complete October 31, 2018.

**Old Nogales Highway Mainline Replacement** – A notice of intention to receive sealed bids was published. It is anticipated the Board of Directors will be asked to consider award of contract at a future meeting.

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