

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

**October 10, 2018**

**Monthly Status of the District – September 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.

**September 2018 Report**

**Water Usage/Quality**

Amount of Water Consumed in Metro Main

FY 2019 Year to Date – 640,116,800 gallons

FY 2018 Year to Date – 675,231,600 gallons

Amount of Water Consumed in Metro Hub

FY 2019 Year to Date – 81,487,200 gallons

FY 2018 Year to Date – 82,053,100 gallons

Amount of Water Consumed in Metro Southwest

FY 2019 Year to Date – 39,990,100 gallons

FY 2018 Year to Date – 39,789,100 gallons

Revenue Metered Sales Billed in September 2018 – Grand Total \$1,669,404.76

Metro Main – \$1,429,127.70

Metro Hub – \$147,868.68

Metro Southwest – \$92,408.38

Prior Year Revenue Metered Sales Billed in September 2017 – Grand Total \$1,733,604.13

Metro Main – \$1,487,216.04

Metro Hub – \$153,733.15

Metro Southwest – \$92,654.94

Water Quality Samples

79 Microbiological samples taken from the distribution system.

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

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

## **System Maintenance**

Noteworthy Maintenance Projects and Major Repairs in September 2018:

1. Repaired a 10-inch mainline on Mona Lisa.
2. Repaired and replaced a poly service line in Diablo Village.
3. Repaired a 12-inch PRV on Del Plata.
4. Replaced electric actuator on valve at Meredith Well.
5. Replaced chlorinator pump at Hub #3.

Valves Exercised – 16

Meter Replacements – 2 – 5/8” meters

Meters Tested – 0

ERTs Replaced – 0

New Meter Applications – 22 total

Metro Main – 18

Metro Hub – 0

Metro Southwest – 4

## **Customer Accounts**

Total Customers Billed – 20,640

New Accounts – 229

Delinquent Accounts – September 2018

Initial Shut Off Notices – 1,135

Final Shut Offs – 123

High Consumption Contacts – 167

Service Orders & Work Orders – Total performed: 119

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

Metro Main – 56

Metro Hub – 14

Metro Southwest – 16

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

Metro Main – 28

Metro Hub – 0

Metro Southwest – 5

### **Water Sustainability Projects**

**2018 CAP Storage** – Storage at Avra Valley Recharge Project (AVRP) as of August 31, 2018 was 2,516 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. Only 2,484 AF is remaining for delivery to AVRP to complete the District's CAP order for calendar year 2018.

**South Shannon Treatment System Reimbursements** – Since 2000, \$1,208,375.93 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 August have been submitted to ADEQ for payment.

**Avra Valley Recharge Project** – The District has received a Complete and Correct letter from ADWR regarding the AVRP Underground Storage Facility Permit and Water Storage Permit applications. ADWR staff has a licensing time-frame through the rest of this calendar year to issue a draft permit. The draft permit will be publicly noticed prior to a final permit being issued in early 2019. Normal recharge operations continue as usual during this review process. 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 acre-foot permit capacity.

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

**RTA Waterline Relocation – La Cholla Blvd: Overton Road to Lambert Lane** – Construction is approximately 25% complete. Construction 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 216-32-021F and 216-32-021G: escrow closing is in process
- APN 216-31-037D: legal counsel is working with property owner to finalize condemnation
- APN 216-31-0380: the property owner has been served; awaiting hearing date to be set
- APN 216-32-025A and 216-32-028A: efforts are underway to serve the property owner

Arizona State Land Department (ASLD) has completed the appraisal and their staff is preparing the package for management approval prior to taking it to the Board of Appeals. ASLD staff confirmed it is preparing language regarding the proposed fees for review that will ultimately be added to the amendment.

The Program Support risk workshop was held September 19, 2018 and a follow-up workshop is scheduled for November 13, 2018.

**Hub Reservoir Expansion** – The bid opening was held September 27, 2018. Four bidders responded and the Board will be asked to consider the staff recommendation at its October 10, 2018 meeting.

**Hub Interconnect** – A letter of understanding between Tucson Water and Metro Water regarding the waiver of certain fees has been executed. The construction agreement with Tucson Water has been executed. Staff solicited quotes from the City of Tucson Job Order Contractors and received three responses. The Board will be asked to consider the staff recommendation at its October 10, 2018 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