

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

September 10, 2018

Monthly Status of the District – August 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.

August 2018 Report

Water Usage/Quality

Amount of Water Consumed in Metro Main

FY 2019 Year to Date – 425,957,900 gallons

FY 2018 Year to Date – 442,283,200 gallons

Amount of Water Consumed in Metro Hub

FY 2019 Year to Date – 56,110,600 gallons

FY 2018 Year to Date – 54,818,400 gallons

Amount of Water Consumed in Metro Southwest

FY 2019 Year to Date – 27,231,000 gallons

FY 2018 Year to Date – 26,020,000 gallons

Revenue Metered Sales Billed in August 2018 – Grand Total \$1,678,503.91

Metro Main – \$1,433,376.30

Metro Hub – \$152,549.35

Metro Southwest – \$92,578.26

Prior Year Revenue Metered Sales Billed in August 2017 – Grand Total \$1,484,859.37

Metro Main – \$1,259,506.11

Metro Hub – \$145,187.38

Metro Southwest – \$80,165.88

Water Quality Samples

82 Microbiological samples taken from the distribution system.

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

95 Lab/field test samples for VOCs, SOC's, IOCs, Metals, Lead and Copper, Nitrate, 1,4-Dioxane, Perfluorinated Chemicals, Hexavalent Chromium, Radiochemicals and Arsenic.

System Maintenance

Noteworthy Maintenance Projects and Major Repairs in August 2018:

1. Repaired electrical storm damage at Moore and Jensen well sites.
2. Replace packing seal on two booster at Magee La Cholla.
3. Installed sanitary seal on abandoned E&T 22 well
4. Repaired four leaking or damaged service lines.
5. Installed service and transducer at Hub to monitor system pressure.

Valves Exercised – 0 (valve machine down for repairs)

Meter Replacements – 24 – 5/8” meters

Meters Tested – 0

ERTs Replaced – 0

New Meter Applications – 18 total

Metro Main – 13

Metro Hub – 0

Metro Southwest – 5

Customer Accounts

Total Customers Billed – 20,321

New Accounts – 266

Delinquent Accounts – August 2018

Initial Shut Off Notices – 1,236

Final Shut Offs – 109

High Consumption Contacts – 148

Service Orders & Work Orders – Total performed: 105

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

Metro Main – 54

Metro Hub – 2

Metro Southwest – 13

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

Metro Main – 34

Metro Hub – 0

Metro Southwest – 2

Water Sustainability Projects

2018 CAP Storage – Storage at Avra Valley Recharge Project (AVRP) as of July 31, 2018 was 2,577 AF for the District and 3,500 AF for the City of Phoenix. The District’s GSF partners have stored 9,107 AF for the District and 60 AF at the Southern AVRP for Metro Southwest – Lazy B.

South Shannon Treatment System Reimbursements – Since 2000, \$1,203,212.93 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 July 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. A draft permit is being prepared by ADWR for the AVRP facility along with the District’s storage permit. Normal recharge operations continue as usual during this review process.

Capital Improvement Program & Other Major Projects

RTA Waterline Relocation – La Cholla Blvd: Overton Road to Lambert Lane – Construction staking and clearing began August 27, 2018 at the southern end of the project. Delivery of water pipe began August 29, 2018. 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: the hearing is scheduled for September 10, 2018
- APN 216-31-0380: the hearing is scheduled for September 19, 2018
- APN 216-32-025A and 216-32-028A: documentation is being processed for filing with the court

District staff and Arizona State Land Department (ASLD) staff discussed the proposed fees to be collected and have tentatively agreed to an approach. ASLD staff is preparing language for review that will ultimately be added to the amendment. ASLD is continuing with appraisal activities. Staff is continuing to coordinate with Pima County Wastewater for their Blue Bonnet sewer, which will parallel the District’s future NWRDRS waterline. The Program Support risk workshop is scheduled for September 19, 2018.

Hub Reservoir Expansion – The announcement calling for bids for the Hub Reservoir was published August 30 and 31 and September 6. The bid opening is September 27, 2018 at 2:00 p.m. and it is anticipated that the Board will be requested to consider this item at its meeting on October 10, 2018. Staff is working with Tucson Water to finalize comments regarding the Hub Interconnect. Once approved, bids will be solicited from City of Tucson Job Order contractors.

Mountain Cove PRV – Construction is complete.

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