

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

August 13, 2018

Monthly Status of the District – July 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.

July 2018 Report

Water Usage/Quality

Amount of Water Consumed in Metro Main

FY 2019 Year to Date – 212,411,000 gallons

FY 2018 Year to Date – 256,966,400 gallons

Amount of Water Consumed in Metro Hub

FY 2019 Year to Date – 29,891,200 gallons

FY 2018 Year to Date – 29,217,500 gallons

Amount of Water Consumed in Metro Southwest

FY 2019 Year to Date – 14,398,100 gallons

FY 2018 Year to Date – 15,280,900 gallons

Revenue Metered Sales Billed in July 2018 – Grand Total \$1,703,053.29

Metro Main – \$1,426,120.11

Metro Hub – \$177,091.46

Metro Southwest – \$99,841.72

Prior Year Revenue Metered Sales Billed in July 2017 – Grand Total \$1,879,276.73

Metro Main – \$1,614,906.97

Metro Hub – \$166,457.97

Metro Southwest – \$97,911.79

Water Quality Samples

79 Microbiological samples taken from the distribution system.

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

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

System Maintenance

Noteworthy Maintenance Projects and Major Repairs in July 2018:

1. Repaired two VFDs at Herb Johnson that were under warranty.
2. Replaced telemetry components at Hub Reservoir due to lightning.
3. Replaced injector pump on auxiliary booster pump at Hub.
4. Repaired 4" AC main on Highland at E&T.
5. New service installation on Casas Adobes.

Valves Exercised – 16

Meter Replacements – 19 – 5/8" meters

Meters Tested – 0

ERTs Replaced – 0

New Meter Applications – 43 total

Metro Main – 30

Metro Hub – 0

Metro Southwest – 13

Customer Accounts

Total Customers Billed – 20,593

New Accounts – 246

Delinquent Accounts – July 2018

Initial Shut Off Notices – 695

Final Shut Offs – 63

High Consumption Contacts – 181

Service Orders & Work Orders – Total performed: 143

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

Metro Main – 72

Metro Hub – 4

Metro Southwest – 8

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

Metro Main – 48

Metro Hub – 4

Metro Southwest – 7

Water Sustainability Projects

2018 CAP Storage – Storage at Avra Valley Recharge Project (AVRP) as of June 31, 2018 was 711 AF for the District and 3,500 AF for the City of Phoenix. Deliveries for the City of Phoenix are complete for calendar year 2018. The District’s GSF partners have stored 7,315 AF for the District and 60 AF at the City of Tucson’s Southern Avra Valley Storage and Recovery Project for Metro Southwest – Lazy B.

South Shannon Treatment System Reimbursements – Since 2000, \$1,200,926.32 has been reimbursed from Arizona Department of Environmental Quality (ADEQ). The District has been reimbursed for a GAC changeout in March totaling \$19,000. Invoices for July have been submitted to ADEQ for payment. In Fiscal Year 2018, 177.49 million gallons of water was treated. A total of 25.01 pounds of VOCs were removed from the aquifer, and 22.39 pounds of VOCs were removed through the treatment system.

Avra Valley Recharge Project – Staff has responded to questions received from ADWR regarding the AVRP Underground Storage Facility (USF) Permit and Water Storage Permit (WSP) applications. ADWR has issued a Complete and Correct letter regarding the application. The permit was posted two times in July in the Arizona Daily Star. Public comment period ended on August 10, 2018. To date, ADWR has not received any objections to the permit. The next step will be ADWR issuing a draft USF and WSP permit for the District to review. If District staff concurs with the draft permit, a final permit will be issued in September.

Capital Improvement Program & Other Major Projects

RTA Waterline Relocation – La Cholla Blvd: Overton Road to Lambert Lane – A Notice-to-Proceed has been issued effective July 30, 2018 and the contractor is securing necessary permits and materials. A preconstruction meeting is scheduled for August 16 after which the field work will begin. Construction is expected to be complete by January 26, 2018.

Northwest Recharge, Recovery, and Delivery System (NWRDSD) – Easement acquisition is ongoing. The previously scheduled hearing date for one of the immediate possession cases was postponed pending service to the property owner. The property owner is now in contact with the District’s legal counsel. Paperwork was filed for immediate possession of another easement as previously approved by the Board. Staff have reached agreement with a property owner regarding easements on two properties, thus averting condemnation pending receipt of signed documents. The District’s consultant is preparing documentation to support condemnation of the two remaining easements previously approved by the Board as staff has been unable to reach an acceptable agreement with the property owner. District staff met with the Arizona State Land Department (ASLD) Commissioner, Deputy Commissioner and department staff regarding proposed fees to be collected. ASLD has commenced appraisal activities during which time department staff will be working to develop more acceptable fee terms. Staff attended the Pima County utility coordination meeting for the Blue Bonnet sewer, which will parallel the District’s

future NWRRDS waterline. The Program Support kickoff meeting was held August 7, 2018.

Hub Reservoir Expansion – The consultant is finalizing the plans for the additional reservoir and staff is finalizing documentation for bidding. Staff met with Tucson Water regarding the Hub Interconnect. The consultant is updating the plans and staff is finalizing documentation to solicit bids from City of Tucson Job Order contractors.

Mountain Cove PRV – The preconstruction meeting was held August 7, 2018. Work is expected to be completed by August 17, 2018.

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