

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

July 9, 2018

Monthly Status of the District – June 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.

June 2018 Report

Water Usage/Quality

Amount of Water Consumed in Metro Main

FY 2018 Year to Date – 2,337,488,400 gallons

FY 2017 Year to Date – 2,199,627,000 gallons

Amount of Water Consumed in Metro Hub

FY 2018 Year to Date – 281,479,000 gallons

FY 2017 Year to Date – 260,219,100 gallons

Amount of Water Consumed in Metro Southwest

FY 2018 Year to Date – 153,734,500 gallons

FY 2017 Year to Date – 131,054,400 gallons

Revenue Metered Sales Billed in June 2018 – Grand Total \$1,837,979.84

Metro Main – \$1,573,962.97

Metro Hub – \$166,597.51

Metro Southwest – \$97,419.36

Prior Year Revenue Metered Sales Billed in June 2017 – Grand Total \$1,747,348.01

Metro Main – \$1,487,137.92

Metro Hub – \$172,737.82

Metro Southwest – \$87,472.27

Water Quality Samples

82 Microbiological samples taken from the distribution system.

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

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

System Maintenance

Noteworthy Maintenance Projects and Major Repairs in June 2018:

1. Replaced 100 amp breaker at E&T 23 well.
2. Repaired corrosion test station on 16" main at La Cholla and Sunset.
3. Repaired two leaking poly service lines in Diablo Village.
4. Reinstalled regenerated treatment media at Diablo Village No. 1 and Hub 1A.
5. Installed spare motor on New Linda Vista well due to failure.

Valves Exercised – 32

Meter Replacements – 100 – 5/8" meters

Meters Tested – 0

ERTs Replaced – 0

New Meter Applications – 31 total

Metro Main – 22

Metro Hub – 0

Metro Southwest – 9

Customer Accounts

Total Customers Billed – 20,604

New Accounts – 297

Delinquent Accounts – June 2018

Initial Shut Off Notices – 972

Final Shut Offs – 99

High Consumption Contacts – 195

Service Orders & Work Orders – Total performed: 122

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

Metro Main – 36

Metro Hub – 4

Metro Southwest – 18

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

Metro Main – 37

Metro Hub – 20

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 Southern AVRP for Metro Southwest – Lazy B.

South Shannon Treatment System Reimbursements – Since 2000, \$1,194,862.18 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 May have been submitted to ADEQ for payment.

Avra Valley Recharge Project – Staff has responded to questions received from ADWR regarding the AVRP Underground Storage Facility Permit and Water Storage Permit applications. ADWR anticipates having our application deemed correct and complete by mid-July. At that point, a draft permit will be publicly noticed prior to a final permit being issued for the AVRP facility and 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 – Award of the construction contract occurred at the June 11, 2018 Board meeting. Construction is anticipated to begin in late July 2018 and conclude around the end of January 2019.

Northwest Recharge, Recovery, and Delivery System (NWRDRS) – Easement acquisition is ongoing. Paperwork was filed for immediate possession of one of the easements as previously approved by the Board. The hearing date with the court is July 23, 2018. Coordination is ongoing with other property owners where condemnation action is pending. Arizona State Land Department staff is evaluating recommendations from their consultant and are developing fees for the Land Commissioner’s consideration. The NWRDRS Committee and Program Manager finalized the overall scope of services related to the shared portions of the project. Staff is working with the Program Manager to scope individual tasks.

Old Nogales Highway Mainline Replacement – The design is complete. The first phase, between E&T Well 22 to McKain (about 850 lineal feet of 6-inch waterline), is anticipated to be constructed during Fiscal Year 2019.

Hub Reservoir Expansion – The consultant is finalizing the design, which is expected to be complete by June 30, 2018. Final documents for signature will follow.

Mountain Cove PRV – The design is complete. Bids were solicited from City of Tucson Job Order contractors. The resulting bid will be presented to the Board for consideration at the July 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