

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

May 14, 2018

Monthly Status of the District – April 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.

April 2018 Report

Water Usage/Quality

Amount of Water Consumed in Metro Main

FY 2018 Year to Date – 1,895,657,000 gallons

FY 2017 Year to Date – 1,783,021,700 gallons

Amount of Water Consumed in Metro Hub

FY 2018 Year to Date – 227,311,100 gallons

FY 2017 Year to Date – 204,620,300 gallons

Amount of Water Consumed in Metro Southwest

FY 2018 Year to Date – 124,532,800 gallons

FY 2017 Year to Date – 106,237,000 gallons

Revenue Metered Sales Billed in April 2018 – Grand Total \$1,450,219.17

Metro Main – \$1,220,669.09

Metro Hub – \$126,279.30

Metro Southwest – \$103,270.78

Prior Year Revenue Metered Sales Billed in April 2017 – Grand Total \$1,459,326.74

Metro Main – \$1,264,377.22

Metro Hub – \$114,613.08

Metro Southwest – \$80,336.44

Water Quality Samples

82 Microbiological samples taken from the distribution system.

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

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

System Maintenance

Noteworthy Maintenance Projects and Major Repairs in April 2018:

1. Completed the exterior painting of the Oracle Jaynes Storage Tank.
2. Completed the internal recoat of the E&T East Storage Tank.
3. Removed Arsenic media for regeneration at Hub #1A and Diablo Village #1.
4. Repaired main break due to tree roots at Santa Fe Park.

Valves Exercised – 55

Meter Replacements – 49 – 5/8” meters

Meters Tested – 1

ERTs Replaced – 0

New Meter Applications – 28 total

Metro Main – 17

Metro Hub – 0

Metro Southwest – 11

Customer Accounts

Total Customers Billed – 20,497

New Accounts – 229

Delinquent Accounts – April 2018

Initial Shut Off Notices – 1,127

Final Shut Offs – 85

High Consumption Contacts – 134

Service Orders & Work Orders – Total performed: 99

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

Metro Main – 64

Metro Hub – 0

Metro Southwest – 11

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

Metro Main – 24

Metro Hub – 0

Metro Southwest – 0

Water Sustainability Projects

2018 CAP Storage – Storage at Avra Valley Recharge Project (AVRP) as of March 31, 2018 was 381 AF for the District and 2,659 AF for the City of Phoenix. The District's GSF partners have stored 4,280 AF for the District and 60 AF at the Southern Avra Valley Recharge and Recovery Project for Metro Southwest – Lazy B.

South Shannon Treatment System Reimbursements – Since 2000, \$1,151,141.53 has been reimbursed from Arizona Department of Environmental Quality (ADEQ). Invoices for January and February have been submitted to ADEQ for payment.

Avra Valley Recharge Project – The AVRP Underground Storage Facility Permit and Water Storage Permit applications are complete and were submitted to ADWR on March 6, 2018. There has not been any technical information requests from ADWR to date.

Capital Improvement Program & Other Major Projects

RTA Waterline Relocation – La Cholla Blvd: Overton Road to Lambert Lane – Staff received an update from the roadway design consultant regarding the remaining right-of-way acquisitions, which indicate the District could move forward with construction. The waterline relocation project was advertised for bids on May 3, 4, 10, and 11. A pre-bid will be held May 17, 2018 and the bid opening is scheduled for May 31, 2018. Board action is anticipated at the June 11, 2018 meeting.

Northwest Recharge, Recovery, and Delivery System (NWRDRS) – Easement acquisition is ongoing. Staff is coordinating with the Arizona State Land Department (ASLD) to receive feedback from ASLD staff regarding a recent meeting with the State Land Commissioner. Staff is working with the program management consultant and the NWRDRS Partners to finalize the scope and fee proposal for services related to the shared portions of the project. Staff met with the property owners regarding two parcels where condemnation action is progressing. The hope is that an amenable agreement can be reached in lieu of condemnation. Staff completed the evaluation and recommendation of a preferred pipeline alignment in the vicinity of I-10 and Avra Valley Road per Memorandum of Agreement 17001.

Old Nogales Highway Mainline Replacement – The Utility Team completed potholing. The consultant completed the initial field survey work and 30% plans. Staff have completed their review and returned the 30% plans to the consultant for revisions.

Hub Reservoir Expansion – The consultant completed the site survey and geotechnical work. The consultant submitted preliminary plans for review on April 30, 2018 and staff has reviewed and returned the plans to the consultant for revisions. Staff worked with Tucson Water staff to finalize an IGA for an emergency interconnect at the site which was approved by the Tucson Mayor and Council on May 8, 2018 and is on the May 14, 2018 Board Meeting for consideration.

Mountain Cove PRV – The culture survey and potholing of existing utilities have been completed. Preliminary design is complete and the final design is underway.

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