

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

April 9, 2018

Monthly Status of the District – March 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.

March 2018 Report

Water Usage/Quality

Amount of Water Consumed in Metro Main

FY 2018 Year to Date – 1,754,441,800 gallons

FY 2017 Year to Date – 1,588,846,400 gallons

Amount of Water Consumed in Metro Hub

FY 2018 Year to Date – 204,722,000 gallons

FY 2017 Year to Date – 184,385,600 gallons

Amount of Water Consumed in Metro Southwest

FY 2018 Year to Date – 109,076,600 gallons

FY 2017 Year to Date – 95,042,700 gallons

Revenue Metered Sales Billed in March 2018 – Grand Total \$ 1,235,170.94

Metro Main – \$ 1,041,308.46

Metro Hub – \$ 97,618.64

Metro Southwest – \$ 96,243.84

Prior Year Revenue Metered Sales Billed in March 2017 – Grand Total \$ 1,183,587.28

Metro Main – \$ 1,015,352.08

Metro Hub – \$ 99,020.22

Metro Southwest – \$ 69,214.98

Water Quality Samples

82 Microbiological samples taken from the distribution system.

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

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

System Maintenance

Noteworthy Maintenance Projects and Major Repairs in March 2018:

1. Diablo Village #1 VFD failed and was repaired under extended warranty.
2. Hub 3 arsenic media was sent for regeneration.
3. E&T 22 east tank valve and railing modifications were completed.
4. Oracle Jaynes storage tank internal coating was completed.
5. Tucson National West flow meter panel was relocated for future well pulls.

Valves Exercised – 60

Meter Replacements – 19 – 5/8” meters; 1 – 1” meters;

Meters Tested – 1

ERTs Replaced – 0

New Meter Applications – 35 total

Metro Main – 18

Metro Hub – 0

Metro Southwest – 17

Customer Accounts

Total Customers Billed – 20,465

New Accounts – 249

Delinquent Accounts – March 2018

Initial Shut Off Notices – 1494

Final Shut Offs – 80

High Consumption Contacts – 67

Service Orders & Work Orders – Total performed: 90

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

Metro Main – 36

Metro Hub – 5

Metro Southwest – 13

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

Metro Main – 24

Metro Hub – 0

Metro Southwest – 12

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 1,878 AF for the City of Phoenix. The District’s GSF partners have stored 2,835 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, \$1,125,820.74 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.

Annual Water Withdrawal and Use Reports – The 2017 annual reports for Metro Water District’s six service areas was submitted to the Arizona Department of Water Resources and the Central Arizona Groundwater Replenishment District on March 27, 2018.

Capital Improvement Program & Other Major Projects

RTA Waterline Relocation – La Cholla Blvd: Overton Road to Lambert Lane – Plans are in review by Pima County and Oro Valley. No status update has been provided regarding the remaining right-of-way acquisitions. Construction may be phased due to the status of right-of-way.

Northwest Recharge, Recovery, and Delivery System (NWRDSD) – Easement acquisition is ongoing. Staff is coordinating with the Arizona State Land Department (ASLD) for revised legals. It is anticipated ASLD will meet with staff by mid-April regarding the amendment. The evaluation committee reviewed the submittals received for program support services and has recommended a consultant to be considered for award at the April Board 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