

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

**March 12, 2018**

**Monthly Status of the District – February 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.

**February 2018 Report**

**Water Usage/Quality**

Amount of Water Consumed in Metro Main

FY 2018 Year to Date – 1,612,841,700 gallons

FY 2017 Year to Date – 1,450,029,100 gallons

Amount of Water Consumed in Metro Hub

FY 2018 Year to Date – 188,073,300 gallons

FY 2017 Year to Date – 167,341,900 gallons

Amount of Water Consumed in Metro Southwest

FY 2018 Year to Date – 95,644,300 gallons

FY 2017 Year to Date – 86,648,400 gallons

Revenue Metered Sales Billed in February 2018 – Grand Total \$ 1,276,508.73

Metro Main – \$ 1,090,418.86

Metro Hub – \$ 102,084.52

Metro Southwest – \$ 84,005.35

Prior Year Revenue Metered Sales Billed in February 2017 – Grand Total \$ 1,189,896.41

Metro Main – \$ 1,031,454.61

Metro Hub – \$ 84,494.58

Metro Southwest – \$ 73,947.22

Water Quality Samples

82 Microbiological samples taken from the distribution system.

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

70 Lab/field test samples for VOCs, IOC's, metals, Nitrate, 1,4-Dioxane, Perfluorinated Chemicals, Hexavalent Chromium, and Arsenic.

### **System Maintenance**

#### Noteworthy Maintenance Projects and Major Repairs in February 2018:

1. Performed annual auxiliary power / generator maintenance.
2. Pulled Meredith and Magee / La Cholla well motors for repair.
3. Relocated bulk meters to new station on Vahala.
4. Performed GAC change out at Shannon.
5. Abandoned 4" water line no longer needed.

Valves Exercised – 54

Meter Replacements – 4 – 5/8" meters; 4 – 3/4" meters

Meters Tested – 0

ERTs Replaced – 0

New Meter Applications – 20 total

Metro Main – 15

Metro Hub – 0

Metro Southwest – 5

### **Customer Accounts**

Total Customers Billed – 20,428

New Accounts – 173

Delinquent Accounts – February 2018

Initial Shut Off Notices – 1,032

Final Shut Offs – 105

High Consumption Contacts – 86

Service Orders & Work Orders – Total performed: 134

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

Metro Main – 55

Metro Hub – 16

Metro Southwest – 10

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

Metro Main – 35

Metro Hub – 6

Metro Southwest – 12

### **Water Sustainability Projects**

**2018 CAP Storage** – Storage at Avra Valley Recharge Project (AVRP) as of February 28, 2018 was 108 AF for the District and 500 AF for the City of Phoenix. The District’s GSF partners have stored 200 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).

**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.

### **Capital Improvement Program & Other Major Projects**

**RTA Waterline Relocation – La Cholla Blvd: Overton Road to Lambert Lane** – Staff is finalizing the design work and preparing contract documents for bidding. The Pima County/Oro Valley design consultant has finalized the roadway plans, changes have been incorporated into the water plans, and the water plans have been provided to the design consultant for review/approval. Right-of-way has been acquired for a portion of the project and it is anticipated that the remaining right-of-way acquisition will be completed in June 2018. Construction may be phased due to the status of right-of-way.

**RTA Waterline Relocation – Valencia Road: Wade Road to Ajo Highway, Waterline Relocations** – Construction is complete and project closeout is underway.

**Northwest Recharge, Recovery, and Delivery System (NWRDRS) Land Acquisitions** Easement acquisition and coordination with the Arizona State Land Department is ongoing. The request for qualifications for program support services closed March 5, 2018 and the evaluation of the submittals received is anticipated to be completed by March 28, 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