

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

**February 13, 2017**

**Monthly Status of the District – January 2017**

**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.

**January 2017 Report**

**Water Usage/Quality**

Amount of Water Consumed in Metro Main

FY 2017 Year to Date – 1,309,658,600 gallons

FY 2016 Year to Date – 1,299,778,800 gallons

Amount of Water Consumed in Metro Hub

FY 2017 Year to Date – 153,691,000 gallons

FY 2016 Year to Date – 145,045,900 gallons

Amount of Water Consumed in Metro Southwest

FY 2017 Year to Date – 76,799,800 gallons

FY 2016 Year to Date – 72,502,800 gallons

Revenue Metered Sales Billed in January 2017 – Grand Total \$1,229,712.48

Metro Main – \$1,067,980.39

Metro Hub – \$90,114.35

Metro Southwest – \$71,617.74

Prior Year Revenue Metered Sales Billed in January 2016 – Grand Total \$1,172,683.86

Metro Main – \$1,019,047.98

Metro Hub – \$89,719.61

Metro Southwest – \$63,916.27

Water Quality Samples

82 Microbiological samples taken from the distribution system.

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

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

## Status of Compliance with Regulatory Requirements

District is in compliance with its regulatory requirements.

## **System Maintenance**

### Noteworthy Maintenance Projects and Major Repairs in January 2017:

1. Completed Tucson National West VFD replacement.
2. Repaired mainline on Valencia in Metro Southwest.
3. Pulled Las Palmas Well for maintenance.
4. Drained and cleaned Jensen storage tank for internal coating.
5. Repaired 4" main break on Via Pisa in Metro Main.

PRV Inspections – 84

Valves Exercised – 22

Meter Replacements – 26 – 5/8" meters; 3 – 3/4" meters; 20 – 1" meters; 14 – 2" meters

Meters Tested – 0

ERTs Replaced – 0

New Meter Applications – 9 total

Metro Main – 0

Metro Hub – 0

Metro Southwest – 9

## **Customer Accounts**

Total Customers Billed – 20,200

New Accounts – 199

Delinquent Accounts – January 2017

Initial Shut Off Notices – 771

Final Shut Offs – 105

High Consumption Contacts – 91

Service Orders & Work Orders – Total performed: 214

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

Metro Main – 123

Metro Hub – 17

Metro Southwest – 25

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

Metro Main – 26

Metro Hub – 10

Metro Southwest – 13

### **Water Sustainability Projects**

**2017 CAP Storage** – Storage at AVRP as of January 31, 2017 was 263 AF of the 3,450 AF for the District and 264 AF of the 3,500 AF for the City of Phoenix. The District’s GSF partners will store 9,001 AF for the District, 1,000 AF will be stored at the Lower Santa Cruz Recharge Project, and 7 AF at the Southern Avra Valley Recharge and Recovery Project for Metro Southwest – Lazy B.

**South Shannon Treatment System Reimbursements** – Since 2000, \$1,089,801.15 has been reimbursed from Arizona Department of Environmental Quality (ADEQ). December reimbursements were submitted to ADEQ.

**Oracle Jaynes Replacement Well** – Staff approved a scope of work from Clear Creek Associates for assisting with the drilling project. Water Sustainability staff is working on getting contractor quotes to complete the project this fiscal year. Staff is soliciting scopes of work for design and related activities for equipping the well and development of a portion of the site.

**2016 Water Loss** – Calculated losses for the service areas in 2016 are as follows: Metro Main 8.3%; Metro Hub 0.8%; Metro Southwest – Diablo Village 7.7%; Metro Southwest – E&T 5.7%; and metro Southwest – Lazy B 1.5%. ADWR limits losses to 10%, except for Metro Southwest – E&T, which is limited to 15%.

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

**Casas Adobes Estates MLP (Nanini Drive, Casas Adobes Drive, and Andrea Doria Drive)** – Construction acceptance occurred on September 14, 2016. The Contractor submitted a final payment application for processing on February 3, 2016.

**CAP Recharge, Recovery, and Delivery System (RRDS) Land Acquisitions** – Staff continues to pursue easements necessary for the pipeline route and has prepared an exhibit to show easements that have been secured. The exhibit will be updated routinely to reflect the ongoing status of acquisitions. Staff will be meeting with the Arizona State Land Department on February 27, 2016 to discuss the proposed well sites for recovery of recharged CAP water.

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