

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

**March 13, 2017**

**Monthly Status of the District – February 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.

**February 2017 Report**

**Water Usage/Quality**

Amount of Water Consumed in Metro Main

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

FY 2016 Year to Date – 1,438,159,600 gallons

Amount of Water Consumed in Metro Hub

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

FY 2016 Year to Date – 159,656,100 gallons

Amount of Water Consumed in Metro Southwest

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

FY 2016 Year to Date – 81,414,200 gallons

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

Prior Year Revenue Metered Sales Billed in February 2016 – Grand Total \$1,259,389.47

Metro Main – \$1,108,772.33

Metro Hub – \$84,543.61

Metro Southwest – \$66,073.53

Water Quality Samples

82 Microbiological samples taken from the distribution system.

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

70 Lab/field test samples for VOCs, IOCs, SOCs, Nitrate, Fluoride, 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 February 2017:

1. Completed Tucson National East variable frequency drive replacement.
2. Jensen internal tank coating was completed.
3. Removed arsenic media from Hub 3 Vessel 2 for regeneration.
4. Made safety and operational modifications to E&T 22 North storage tank
5. Replaced three PVC service lines with new copper

PRV Inspections – 84

Valves Exercised – 0

Meter Replacements – 1 – 1” meters; 5 – 1 ½” meters

Meters Tested – 0

ERTs Replaced – 0

New Meter Applications – 12 total

Metro Main – 1

Metro Hub – 0

Metro Southwest – 11

### **Customer Accounts**

Total Customers Billed – 20,209

New Accounts – 178

Delinquent Accounts – February 2017

Initial Shut Off Notices – 997

Final Shut Offs – 75

High Consumption Contacts – 67

Service Orders & Work Orders – Total performed: 88

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

Metro Main – 53

Metro Hub – 5

Metro Southwest – 8

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

Metro Main – 6

Metro Hub – 6

Metro Southwest – 10

### **Water Sustainability Projects**

**2017 CAP Storage** – Storage at AVRP as of February 28, 2017 was 584 AF of the 3,450 AF for the District and 584 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** – Water Sustainability staff has received contractor quotes to complete the project this fiscal year, and should the Board accept their recommendation for the well drilling contractor, work is anticipated to begin in April 2017. Engineering staff has met with the miscellaneous design consultant to arrive at a scope of work for design and related activities for equipping the well and development of a portion of the site, and design of the improvements is set to begin. A biological screening analysis was completed and no further surveys are recommended for federally-listed species. Engineering staff solicited quotes from landscaping Job Order Contractors with the City of Tucson for removal of trees and other vegetation. Vegetation removal is anticipated to begin the week of March 6 and a biologist will be on site during the clearing activities. Letters were mailed March 2 to customers in the vicinity of the work.

**CAP Reliability** – The Board for Central Arizona Water Conservation District received a presentation by CAP staff on March 2, 2017 for a split of the remaining \$5.3 million of the CAP reliability funds to be dispersed among Tucson Area Reliability Partners, including Metro.

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

**Casas Adobes Estates MLP (Nanini Drive, Casas Adobes Drive, and Andrea Doria Drive)** – The final payment processed collected by Innova on February 15, 2017.

**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 met with the Arizona State Land Department (ASLD) on February 27, 2016 to discuss the proposed well sites for recovery of recharged CAP water. Staff is preparing additional information to submit to ASLD for further discussion. Staff is exploring with Pima County officials possible routes through County parcels south of Avra Valley Road and west of I-10. Staff is developing the solicitation for project programming and preliminary design.

**RTA Waterline Relocation – La Cholla Blvd: Overton Road to Lambert Lane** – Roadway design plans (60% phase) were received on November 18, 2016. Staff is continuing design work and coordinating with Pima County and their design Consultant.

Construction of the RTA roadway improvements is expected to begin January 2018 and all water relocation work should be completed in advance.

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