

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

**May 8, 2017**

**Monthly Status of the District – April 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.

**April 2017 Report**

**Water Usage/Quality**

Amount of Water Consumed in Metro Main

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

FY 2016 Year to Date – 1,784,640,400 gallons

Amount of Water Consumed in Metro Hub

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

FY 2016 Year to Date – 197,924,800 gallons

Amount of Water Consumed in Metro Southwest

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

FY 2016 Year to Date – 100,869,400 gallons

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

Prior Year Revenue Metered Sales Billed in April 2016 – Grand Total \$1,343,004.07

Metro Main – \$1,166,914.77

Metro Hub – \$106,143.50

Metro Southwest – \$69,945.80

Water Quality Samples

82 Microbiological samples taken from the distribution system.

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

45 Lab/field test samples for VOCs, IOCs, Nitrate, 1,4-Dioxane, Perfluorinated Chemicals, 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 April 2017:

1. Repaired mainline break at Giaconda and Oracle.
2. Completed seven more manhole cover replacements.
3. Piping modifications at Diablo Village 1 for pressure tank replacement.
4. Curing, rinsing, and sampling of newly coated storage tanks.
5. Lazy B well brushing and caliper log.

PRV Inspections – 84

Valves Exercised – 25

Meter Replacements – 1 – 1” meters; 6 – 1½” meters; 11 – 2” meters

Meters Tested – 0

ERTs Replaced – 0

New Meter Applications – 10 total

Metro Main – 1

Metro Hub – 0

Metro Southwest – 9

### **Customer Accounts**

Total Customers Billed – 20,271

New Accounts – 221

Delinquent Accounts – April 2017

Initial Shut Off Notices – 1,068

Final Shut Offs – 80

High Consumption Contacts – 67

Service Orders & Work Orders – Total performed: 98

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

Metro Main – 40

Metro Hub – 9

Metro Southwest – 11

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

Metro Main – 26

Metro Hub – 7

Metro Southwest – 5

### **Water Sustainability Projects**

**2017 CAP Storage** – Storage at AVRVP as of April 30, 2017 was approximately 1,265 AF of the 3,450 AF for the District and 1,400 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 9 AF at the Southern Avra Valley Recharge and Recovery Project for Metro Southwest – Lazy B.

**South Shannon Treatment System Reimbursements** – Since 2000, \$1,140,951.22 has been reimbursed from Arizona Department of Environmental Quality (ADEQ). December reimbursements were submitted to ADEQ.

**Oracle Jaynes Replacement Well** – The replacement for the Oracle Jaynes Station Well will be called "OJ2." Stewart Brothers has completed drilling and construction of the production well and is conducting pumping tests for final pump design. Substantial completion deadline is May 15, 2017. Preliminary plans for site grading and enclosure are complete and are being finalized for construction. The preliminary design for well equipping and electrical is in process and will be finalized after the well testing is completed.

**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 7.6%; 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**

**RTA Waterline Relocation – La Cholla Blvd: Overton Road to Lambert Lane** – Staff is continuing their design work while coordinating with Pima County/Oro Valley and their design consultant. Stage IV (pre-final) roadway improvement plans are expected from the County's/Oro Valley's design consultant in late May with final design by late June 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. The District's right-of-way consultant is recommending condemnation of some properties. The goal of staff is to exhaust negotiations prior to initiation of formal condemnation proceedings.

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