

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

July 10, 2017

Monthly Status of the District – June 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.

June 2017 Report

Water Usage/Quality

Amount of Water Consumed in Metro Main

FY 2017 Year – 2,199,627,000 gallons

FY 2016 Year – 2,192,957,500 gallons

Amount of Water Consumed in Metro Hub

FY 2017 Year – 260,219,100 gallons

FY 2016 Year – 250,968,300 gallons

Amount of Water Consumed in Metro Southwest

FY 2017 Year – 131,054,400 gallons

FY 2016 Year – 123,883,400 gallons

Revenue Metered Sales Billed in June 2017 – Grand Total \$ 1,747,348.01

Metro Main – \$ 1,487,137.92

Metro Hub – \$ 172,737.82

Metro Southwest – \$ 87,472.27

Prior Year Revenue Metered Sales Billed in June 2016 – Grand Total \$ 1,569,592.50

Metro Main – \$ 1,344,429.42

Metro Hub – \$ 145,945.29

Metro Southwest – \$ 79,217.79

Water Quality Samples

82 Microbiological samples taken from the distribution system.

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

70 Lab/field test samples for VOCs, IOCs, DBPs, Nitrate, 1,4-Dioxane, Perfluorinated Chemicals, Hexavalent Chromium, Copper, Lead, 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 June 2017:

1. Replaced 8” tee and two valves in the Hub service area.
2. Completed tie-in of pressure tank at E&T 22.
3. Replaced PVC service line at 3621 W. Ina Road.
4. Repaired 6” mainline at Dale Haven Circle.
5. Modified programming and operations at Magee / La Cholla for higher system demands.

Valves Exercised – 30

Meter Replacements – 1 – 1” meters; 20 – 2” meters

Meters Tested – 0

ERTs Replaced – 0

New Meter Applications – 7 total

Metro Main – 4

Metro Hub – 0

Metro Southwest – 3

Customer Accounts

Total Customers Billed – 20,287

New Accounts – 271

Delinquent Accounts – June 2017

Initial Shut Off Notices – 1,414

Final Shut Offs – 75

High Consumption Contacts – 289

Service Orders & Work Orders – Total performed: 81

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

Metro Main – 38

Metro Hub – 7

Metro Southwest – 6

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

Metro Main – 21

Metro Hub – 5

Metro Southwest – 4

Water Sustainability Projects

2017 CAP Storage – Storage at AVRVP as of May 31, 2017 was 2,022 AF of the 3,450 AF for the District and 1,600 AF of the 3,500 AF for the City of Phoenix. The District’s GSF partners have stored 7,031 AF for the District, 500 AF has 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, \$1,092,645.14 has been reimbursed from Arizona Department of Environmental Quality (ADEQ). June 2017 reimbursements were submitted to ADEQ.

Oracle Jaynes Replacement Well – Stewart Brothers completed all drilling, well installation, and testing portions of the project on June 8, 2017. Clear Creek Associates delivered the final well installation report on June 30, 2017. The well capacity is 600 - 800 gallons per minute. Of the water quality analytical reports received thus far, the water produced will meet all SDWA standards.

Capital Improvement Program & Other Major Projects

Oracle Jaynes Replacement Well Equipping and Site Improvements – Staff continue the process of soliciting cost proposals from J.O.C. and on-call contractors and suppliers for provision of site improvements, including the well pump, mechanical and electrical components, site grading and fencing.

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 have been received from the County’s/Oro Valley’s design consultant. Final roadway design is expected by late June 2017.

RTA Waterline Relocation – Valencia Road: Wade Road to Ajo Highway, Waterline Relocations - Staff are continuing design work while coordinating with Pima County and their design consultant. “Final for Utilities” roadway plans were issued in early May. Pima County is requesting all relocation work to be completed by December 2017.

Northwest Recharge, Recovery, and Delivery System (NWRDSD) Land Acquisitions – Staff continues to pursue easements necessary for the pipeline route. Staff and consultants are completing surveys/studies and assembling the necessary documents in order to make a formal submittal to the Arizona State Land Department for acquisition of the necessary easements and parcels.

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