

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

June 12, 2017

Monthly Status of the District – May 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.

May 2017 Report

Water Usage/Quality

Amount of Water Consumed in Metro Main

FY 2017 Year to Date – 1,965,610,700 gallons

FY 2016 Year to Date – 1,968,362,500 gallons

Amount of Water Consumed in Metro Hub

FY 2017 Year to Date – 229,806,600 gallons

FY 2016 Year to Date – 223,402,200 gallons

Amount of Water Consumed in Metro Southwest

FY 2017 Year to Date – 118,464,400 gallons

FY 2016 Year to Date – 111,778,400 gallons

Revenue Metered Sales Billed in May 2017 – Grand Total \$1,445,433.95

Metro Main – \$1,218,997.18

Metro Hub – \$141,464.51

Metro Southwest – \$84,972.26

Prior Year Revenue Metered Sales Billed in May 2016 – Grand Total \$1,344,153.17

Metro Main – \$1,139,706.67

Metro Hub – \$131,843.34

Metro Southwest – \$72,603.16

Water Quality Samples

81 Microbiological samples taken from the distribution system.

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

76 Lab/field test samples for VOCs, IOCs, SOCs, 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 May 2017:

1. Removed north pressure tank at E&T and poured new pads for new tank.
2. Replaced 4" valves on meter at Westward Look.
3. Completed external painting of storage tanks and District logo at New Linda Vista and Horizon Hills.
4. Completed well maintenance at Tucson National East and Alcott Wells.
5. Placed Magee La Cholla north storage tank back in service following internal coating.

Valves Exercised – 22

Meter Replacements – 2 – 5/8" meters; 1 – 3/4" meters; 5 – 2" meters
Meters Tested – 0
ERTs Replaced – 0

New Meter Applications – 18 total
Metro Main – 4
Metro Hub – 0
Metro Southwest – 14

Customer Accounts

Total Customers Billed – 20,343

New Accounts – 252

Delinquent Accounts – May 2017
Initial Shut Off Notices – 669
Final Shut Offs – 82

High Consumption Contacts – 125

Service Orders & Work Orders – Total performed: 145
Service Orders (generated from customers calling in with a problem):
Metro Main – 68
Metro Hub – 18
Metro Southwest – 11
Work Orders (generated by staff when a need to perform additional work is recognized):
Metro Main – 32
Metro Hub – 7
Metro Southwest – 9

Water Sustainability Projects

South Shannon Treatment System Reimbursements – Since 2000, \$1,144,282.90 has been reimbursed from Arizona Department of Environmental Quality (ADEQ). The April 2017 reimbursement invoice has been submitted to ADEQ.

Oracle Jaynes Replacement Well – OJ2 well testing has been completed. The new source water quality sampling was conducted on May 23rd and all pumping tests are finalized. The technical memorandum with the step test analysis from Clear Creek Associates was submitted to Metro staff on June 25th. Preliminary plans for site grading and enclosure are being finalized for construction. The preliminary design for well equipping and electrical is almost finalized and equipment for pump installation has been ordered.

CAGR Long Term Storage Credit (LTSC) Transfer - The credit transfer form for 250 acre-feet of effluent credits will be submitted to CAGR for signature in July. Per the IGA, the 2017 purchase rate is \$182.58. Total revenues from credit transfer will be \$45,645.00.

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.

RTA Waterline Relocation -- Valencia Road: Wade Road to Ajo Highway, Waterline Relocations - Staff have initiated 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 (NWRDS) Land Acquisitions – Staff continues to pursue easements necessary for the pipeline route. Information has been provided to the Arizona State Land Department to aide in their review.

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