

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

April 10, 2017

Monthly Status of the District – March 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.

March 2017 Report

Water Usage/Quality

Amount of Water Consumed in Metro Main

FY 2017 Year to Date – 1,588,846,400 gallons

FY 2016 Year to Date – 1,594,405,500 gallons

Amount of Water Consumed in Metro Hub

FY 2017 Year to Date – 184,385,600 gallons

FY 2016 Year to Date – 177,940,700 gallons

Amount of Water Consumed in Metro Southwest

FY 2017 Year to Date – 95,042,700 gallons

FY 2016 Year to Date – 90,498,900 gallons

Revenue Metered Sales Billed in March 2017 – Grand Total \$1,183,587.28

Metro Main – \$1,015,352.08

Metro Hub – \$99,020.22

Metro Southwest – \$69,214.98

Prior Year Revenue Metered Sales Billed in March 2016 – Grand Total \$1,188,971.46

Metro Main – \$1,025,345.87

Metro Hub – \$97,887.19

Metro Southwest – \$65,738.40

Water Quality Samples

82 Microbiological samples taken from the distribution system.

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

50 Lab/field test samples for VOCs, IOCs, DBPs, 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 March 2017:

1. Completed Magee North storage tank interval coating.
2. Completed E&T 22 Northeast storage tank interval coating.
3. Replaced broken valve on Northlight Drive. Emergency repair due to failure.
4. Shannon GAC change out on vessel #1.
5. Replaced eight foot meter vault at 11 Orange Grove.

PRV Inspections – 84

Valves Exercised – 15

Meter Replacements – 8 – 1½” meters; 2 – 2” meters

Meters Tested – 0

ERTs Replaced – 6

New Meter Applications – 15 total

Metro Main – 1

Metro Hub – 0

Metro Southwest – 14

Customer Accounts

Total Customers Billed – 20,284

New Accounts – 286

Delinquent Accounts – March 2017

Initial Shut Off Notices – 1,388

Final Shut Offs – 88

High Consumption Contacts – 76

Service Orders & Work Orders – Total performed: 102

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

Metro Main – 45

Metro Hub – 1

Metro Southwest – 25

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

Metro Main – 21

Metro Hub – 2

Metro Southwest – 8

Water Sustainability Projects

South Shannon Treatment System Reimbursement – Since the year 2000, \$1,118,299.04 has been reimbursed from Arizona Department of Environmental Quality (ADEQ). For 2017, \$26,321.10 has been reimbursed; March's reimbursement will be submitted to ADEQ mid-April for payment.

Oracle Jaynes Replacement Well – The replacement for the Oracle Jaynes Station Well will be called "OJ2." On January 27, 2017, Clear Creek Associates was given notice to proceed for assistance with well construction oversight and testing. Metro Water staff held a pre-construction meeting March 15, 2017 on-site with Stewart Brothers Drilling and Clear Creek Associates. Stewart Brothers has begun working on Pima County permits, and staff will issue Notice-to-Proceed once insurance and bonds have been received. Stewart Brothers is expected to begin drilling the first or second week of April. Substantial completion deadline is May 15, 2017.

An 8-inch domestic well is located on the property purchased for the OJ2 drilling. It could be used as a monitor well or abandoned; however, there are large pieces of wood and other debris blocking the upper part of the well. As such, there will be a reasonable effort made to fish the materials out of the well prior to proceeding with proper abandonment.

Capital Improvement Program & Other Major Projects

Northwest Recharge, Recovery, and Delivery System (NWRDRS) – Staff continues to pursue easements necessary for the pipeline route. Staff is continuing to compile required information and prepare maps and exhibits to continue the conversation with Arizona State Land Department officials. Staff completed the Intergovernmental Agreement, which will be considered by the project partners governing bodies during April and May.

RTA Waterline Relocation – La Cholla Blvd: Overton Road to Lambert Lane – Staff is continuing design work and coordinating with Pima County and their design consultant. Stage IV (pre-final) design plans for the roadway are expected from the County's design consultant in late May.

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