

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

February 12, 2018

Monthly Status of the District – January 2018

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.

January 2018 Report

Water Usage/Quality

Amount of Water Consumed in Metro Main

FY 2018 Year to Date – 1,454,248,400 gallons

FY 2017 Year to Date – 1,309,658,600 gallons

Amount of Water Consumed in Metro Hub

FY 2018 Year to Date – 170,416,400 gallons

FY 2017 Year to Date – 153,691,000 gallons

Amount of Water Consumed in Metro Southwest

FY 2018 Year to Date – 84,043,800 gallons

FY 2017 Year to Date – 76,779,800 gallons

Revenue Metered Sales Billed in January 2018 – Grand Total \$ 1,282,335.41

Metro Main – \$ 1,098,789.04

Metro Hub – \$ 104,649.32

Metro Southwest – \$ 78,897.05

Prior Year Revenue Metered Sales Billed in January 2017 – Grand Total \$ 1,229,712.48

Metro Main – \$ 1,067,980.39

Metro Hub – \$ 90,114.35

Metro Southwest – \$ 71,617.74

Water Quality Samples

82 Microbiological samples taken from the distribution system.

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

50 Lab/field test samples for VOCs, IOCs, DBPs, Nitrate, 1,4-Dioxane, Perfluorinated Chemicals, Hexavalent Chromium, Arsenic, and VCMR-3 constituents.

System Maintenance

Noteworthy Maintenance Projects and Major Repairs in January 2018:

1. Hub 1 warehouse demolition and removal.
2. Replaced Latamore North well variable frequency drive.
3. Pulled New Linda Vista Well motor due to failure.
4. Repaired 8" water line on Camino de la Joya.
5. Replaced valves on 6" water meter at Westward Look.

Valves Exercised – 15

Meter Replacements – 15 – 5/8" meters

Meters Tested – 0

ERTs Replaced – 0

New Meter Applications – 29 total

Metro Main – 18

Metro Hub – 0

Metro Southwest – 11

Customer Accounts

Total Customers Billed – 20,394

New Accounts – 199

Delinquent Accounts – January 2018

Initial Shut Off Notices – 773

Final Shut Offs – 130

High Consumption Contacts – 74

Service Orders & Work Orders – Total performed: 150

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

Metro Main – 68

Metro Hub – 16

Metro Southwest – 16

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

Metro Main – 38

Metro Hub – 0

Metro Southwest – 12

Water Sustainability Projects

2018 CAP Storage – Storage at Avra Valley Recharge Project (AVRP) as of January 31, 2018 was 108 AF for the District and 500 AF for the City of Phoenix. The District’s GSF partners have stored 200 AF for the District, and 60 AF at the Southern Avra Valley Recharge and Recovery Project for Metro Southwest – Lazy B.

South Shannon Treatment System Reimbursements – Since 2000, \$1,120,779.24 has been reimbursed from Arizona Department of Environmental Quality (ADEQ).

Avra Valley Recharge Project – Work is proceeding as a part of the AVRP Underground Storage Facility Permit renewal. Groundwater modeling and the Hydrogeologic Report is complete. Remaining portions of the permit application are being assembled by Metro Water District staff. The permit application is due to ADWR by mid-March of 2018, but should be submitted in February.

Capital Improvement Program & Other Major Projects

RTA Waterline Relocation – La Cholla Blvd: Overton Road to Lambert Lane – Staff is finalizing the design work and preparing contract documents for bidding. The Pima County/Oro Valley design consultant is finalizing the roadway plans, but no completion date has been specified. It is anticipated that right-of-way acquisition will be completed in late March 2018 or early April 2018 and that construction will start shortly thereafter.

RTA Waterline Relocation – Valencia Road: Wade Road to Ajo Highway, Waterline Relocations – Construction is ongoing and is expected to be complete by early March.

Northwest Recharge, Recovery, and Delivery System (NWRDRS) Land Acquisitions Easement acquisition and coordination with the Arizona State Land Department is ongoing. A request for qualifications for program support services was advertised on February 5, 2018.

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