

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

**June 11, 2018**

**Monthly Status of the District – May 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.

**May 2018 Report**

**Water Usage/Quality**

Amount of Water Consumed in Metro Main

FY 2018 Year to Date – 2,089,103,600 gallons

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

Amount of Water Consumed in Metro Hub

FY 2018 Year to Date – 252,581,700 gallons

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

Amount of Water Consumed in Metro Southwest

FY 2018 Year to Date – 139,197,100 gallons

FY 2017 Year to Date – 131,054,400 gallons

Revenue Metered Sales Billed in May 2018 – Grand Total \$ 1,513,878.37

Metro Main – \$ 1,270,233.26

Metro Hub – \$ 144,340.12

Metro Southwest – \$ 99,304.99

Prior Year 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

Water Quality Samples

82 Microbiological samples taken from the distribution system.

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

92 Lab/field test samples for VOCs, IOCs, Radiochemicals and Metals, SOC's, DBPs, Nitrate, 1,4-Dioxane, Perfluorinated Chemicals, Hexavalent Chromium, and Arsenic.

### **System Maintenance**

Noteworthy Maintenance Projects and Major Repairs in May 2018:

1. Repaired main break in Metro Hub on Camino Herradura.
2. Replaced service line in Southwest on Frazier due to leak.
3. Oracle Jaynes well, booster, and storage tank put into service.
4. Replace north and west perimeter fence at Diablo Village #1.
5. Pulled Meredith well due to pump failure.

Valves Exercised – 0

Meter Replacements – 74 – 5/8” meters; 1 – 1” meters; 1 – 1½” meters

Meters Tested – 2

ERTs Replaced – 0

New Meter Applications – 41 total

Metro Main – 28

Metro Hub – 0

Metro Southwest – 13

### **Customer Accounts**

Total Customers Billed – 20,552

New Accounts – 305

Delinquent Accounts – May 2018

Initial Shut Off Notices – 1,036

Final Shut Offs – 98

High Consumption Contacts – 137

Service Orders & Work Orders – Total performed: 146

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

Metro Main – 36

Metro Hub – 18

Metro Southwest – 29

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

Metro Main – 55

Metro Hub – 0

Metro Southwest – 8

### **Water Sustainability Projects**

**2018 CAP Storage** – Storage at Avra Valley Recharge Project (AVRP) as of March 31, 2018 was 381 AF for the District and 3,908 AF for the City of Phoenix. The District’s GSF partners have stored 6,930 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, \$1,189,127.16 has been reimbursed from Arizona Department of Environmental Quality (ADEQ). The District has been reimbursed for a GAC changeout in March totaling \$19,000. Invoices for April have been submitted to ADEQ for payment.

**Avra Valley Recharge Project** – Staff is responding to questions received from ADWR regarding the AVRP Underground Storage Facility Permit and Water Storage Permit applications. A response is being prepared and is anticipated to be submitted to ADWR before the end of this month. The next step in the permitting process is to have the District’s response reviewed and then have ADWR deem our applications correct and complete. At that point, a draft permit will be publicly noticed prior to a final permit being issued for the AVRP facility and the District’s storage permit. Normal recharge operations continue as usual during this review process.

### **Capital Improvement Program & Other Major Projects**

**RTA Waterline Relocation – La Cholla Blvd: Overton Road to Lambert Lane** – Two contractors and a supplier attended the pre-bid on May 17, 2018. Addendum No. 1 was issued in response to questions received. The bid opening is scheduled for May 31, 2018. Board action is anticipated at the June 11, 2018 meeting.

**Northwest Recharge, Recovery, and Delivery System (NWRDRS)** – Easement acquisition is ongoing. Staff continues to reach out to the Arizona State Land Department (ASLD) to receive feedback from ASLD staff regarding completion of the amendment. The NWRDRS Committee approved the program management scope of services related to the shared portions of the project and fee negotiations are underway. Coordination is ongoing with certain property owners where condemnation action is pending.

**Old Nogales Highway Mainline Replacement** – The consultant is finalizing the design, which is expected to be complete by June 30, 2018.

**Hub Reservoir Expansion** – The consultant is finalizing the design, which is expected to be complete by June 30, 2018.

**Mountain Cove PRV** – The design is complete bids have been requested from City of Tucson Job Order Contractors.

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