

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

**October 11, 2017**

**Monthly Status of the District – September 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.

**September 2017 Report**

**Water Usage/Quality**

Amount of Water Consumed in Metro Main

FY 2018 Year to Date – 675,231,600 gallons

FY 2017 Year to Date – 638,884,900 gallons

Amount of Water Consumed in Metro Hub

FY 2018 Year to Date – 82,053,100 gallons

FY 2017 Year to Date – 77,135,500 gallons

Amount of Water Consumed in Metro Southwest

FY 2018 Year to Date – 39,789,100 gallons

FY 2017 Year to Date – 37,208,000 gallons

Revenue Metered Sales Billed in September 2017 – Grand Total \$ 1,733,604.13

Metro Main – \$ 1,487,216.04

Metro Hub – \$ 153,733.15

Metro Southwest – \$ 92,654.94

Prior Year Revenue Metered Sales Billed in September 2016 – Grand Total \$ 1,577,294.25

Metro Main – \$ 1,360,198.99

Metro Hub – \$ 130,715.28

Metro Southwest – \$ 86,379.98

Water Quality Samples

82 Microbiological samples taken from the distribution system.

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

50 Lab/field test samples for VOCs, 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 September 2017:

1. Lazy B well returned to service.
2. Moved service line out from under electric transformer on Hardy Road.
3. Repaired 4" main on Highview Place.
4. Replaced corroded saddle on service line at Willow Thicket.
5. E&T 22 auxiliary pump in service in the event of power loss.

Valves Exercised – 0

Meter Replacements – 5 – 5/8" meters; 1 – 3/4" meters

Meters Tested – 0

ERTs Replaced – 0

New Meter Applications – 13 total

Metro Main – 10

Metro Hub – 0

Metro Southwest – 3

### **Customer Accounts**

Total Customers Billed – 20,329

New Accounts – 240

Delinquent Accounts – September 2017

Initial Shut Off Notices – 1,221

Final Shut Offs – 84

High Consumption Contacts – 309

Service Orders & Work Orders – Total performed: 97

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

Metro Main – 43

Metro Hub – 13

Metro Southwest – 8

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

Metro Main – 19

Metro Hub – 4

Metro Southwest – 10

### **Water Sustainability Projects**

**2017 CAP Storage** – Storage at AVRVP as of August 31, 2017 was 3,008 AF of the 3,450 AF for the District and 2,560 AF of the 3,500 AF for the City of Phoenix. A total of 1,382 AF remains to be recharged in 2017 at AVRVP. The District's GSF partners have stored 9,001 AF for the District, 1,000 AF has been 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. A total of 13,081 AF of 2017's CAP order has been recharged with 442 AF remaining for the year.

**South Shannon Treatment System Reimbursements** – Since 2000, \$1,104,431.20 has been reimbursed from Arizona Department of Environmental Quality (ADEQ). August 2017 reimbursements were submitted to ADEQ.

**Avra Valley Recharge Project** – Westland Resources has been preparing a proposal for high resolution surveys of the AVRVP facility. This survey will cover the entire facility and include some preliminary grading cut / fill calculation for better construction cost estimates. Survey work is expected to start during the routine October / November CAP canal shutdown.

Work is proceeding as a part of the AVRVP Underground Storage Facility Permit renewal. The permit application is due to ADWR by mid-March of 2018. The goal is to re-permit the existing facility for the current limit of 11,000 AF/year, and up to 15,000 AF/year with the addition of another recharge basin in the future.

**OJ2 Recovery Well** – The application to convert the OJ2 Well to a recovery well has been deemed complete and correct by the Department of Water Resources (ADWR). Public notices for comment was published on September 28, 2017 and will be published again on October 5, 2017. No public comments or objections have been filed with ADWR at this time.

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

**Oracle Jaynes Replacement Well Equipping and Site Improvements** – Installation of the mechanical and electrical components is ongoing, and is scheduled to be completed by October 2017. Day's Excavating, Inc. was approved as the Job Order Contractor (JOC) for the site grading and fencing improvements at the September 2017 Board Meeting. Work on grading and fencing will commence after the mechanical and electrical work is completed.

**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. It is anticipated that right-of-way acquisition will be completed in March 2018.

**RTA Waterline Relocation – Valencia Road: Wade Road to Ajo Highway, Waterline Relocations** - Staff have received final approval of the waterline design from Pima County

Department of Transportation and have obtained the Approval to Construct from the Pima County Department of Environmental Quality. Staff is finalizing the related contract documents. Advertising for bids is expected to commence on October 10, 2017.

**Northwest Recharge, Recovery, and Delivery System (NWRDSD) Land Acquisitions**  
Staff continues to pursue easements necessary for the pipeline route. The Arizona State Land Department is continuing its review of the amendment application and staff is responding to questions as they arise. Staff is evaluating waterline route alternatives along a portion of the route. This work is necessary due to constraints related to the installation of utilities on certain Pima County properties and revisions to certain private development and proposed improvements related to I-10 at the Avra Valley traffic interchange.

**IOC and SOC Waivers for Metro Main** – Metro Main currently has waivers for Inorganic Chemical (IOC) and Synthetic Organic Chemical (SOC) sampling. IOC waivers are completed every nine years and SOC waivers are completed every three years. The waiver applications are due October 1<sup>st</sup> and were submitted to the Arizona Department of Environmental Quality on September 28<sup>th</sup>.

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